AUTHOR INDEX
VOLUME 38 NUMBERS 1–12

A

Aalto-Setälä, K. 1782
Abu-Muhana, O. 1496
Adar, F. 1591
Aebi, J. 373
Agellon, L. B. 315
Ahmad, Z. I. 1562
Akita, H. 1204
Albers, J. J. 585
Aldaghlas, T. A. 1454
Allaart, J. 1833
Allen, A. 1361
Alquier, C. 86
America, G. 745
Anantharamaiah, G. M. 2134, 2147
Andemariam, B. 1973
Anderson, J. 2627
Anderson, J. L. 1361
Anderson, M. J. 805
Anderson, R. E. 147
Andersson, Y. 2111
Angel, A. 2079
Applebaum-Bowden, D. 2537
Arai, T. 526
Arduini, A. 1454
Ares, M. P. S. 2049
Arner, P. 795
Arnulphi, C. 1412
Arrese, E. L. 68
Asaoka, H. 1433
Ashraf, K. 1014
Asperio, R. 343
Assmann, G. 121, 191, 401, 1242
Auerbach, B. J. 2502
Auwerx, J. 1851
Azrolan, N. 1033

B

Bai, H. 160
Baker, P. W. 469
Bakken, K. S. 121
Banfi, C. 860
Banka, C. L. 1583
Barber, T. 2249
Barnes, S. 1139
Barrett, P. H. R. 1535, 1771
Baunoch, D. A. 847
Beisiegel, U. 2103
Bell, J. M. 295
Bellavia, S. 531
Benassayag, C. 276
Benlian, P. 2079
Bennett, J. A. 813
Benninghoven, A. 401
Bensadoun, A. 1002
Bérard, A. M. 2537
Bereziat, G. 22
Berg, K. 121
Berge, R. K. 554, 1522, 1851
Berggren, P-O. 2049
Bergmann, A. R. 2580
Bernard, A. 1666
Bertolini, S. 2322
Besnard, J-C. 680
Bielicki, J. K. 2314
Bird, D. A. 2455
Bisgaier, C. L. 1782, 2365, 2502
Bishop, W. P. 206
Bissada, N. 2079
Bittolo-Bon, G. 419
Bjerve, K. S. 1913
Björkegren, J. 301
Björkhem, I. 870, 2049
Blanc, E. M. 2155
Blanche, P. J. 690
Blanchette-Mackie, E. J. 2249, 2422
Blanco, A. 1995
Blomhoff, R. 645
Bodennec, J. 1702
Bohnet, K. 904
Boiadjiev, S. 1178
Booth, R. A. 1764
Bootsma, A. 173
Born, E. 61, 348
Brady, R. O. 2422
Brasaemle, D. L. 2249
Brauchi, D. 429
Brekke, O-L. 1913
Breslow, J. L. 1033, 1782
Brewer, H. B., Jr. 1822, 2422
Brichon, G. 1702, 2537
Briggs, M. R. 2035
Broquet, S. 1666
Brossard, N. 1571
Brousseau, M. E. 2537
Brown, A. 1189
Brown, A. J. 1730
Brown, A-M. 469
Brown, W. V. 2603
Budai, K. 1906
Budzinski, R. 564
Burguera, B. 1888
Byers, D. M. 711
Byleveld, P. M. 1562
Byrne, C. D. 2344

C

Cader, A. A. 981
Calandra, S. 2322
Calvani, M. 1454
Campbell, F. M. 2558
Campbell, W. B. 1591, 2383
Camps, F. 1988
Carbonne, B. 276
Carey, M. C. 1395
Carmona-Ribeiro, A. M. 2003
Carstea, E. D. 2422
Carter, K. J. 391
Cartwright, I. J. 531
Casale, C. H. 2303
Casals, N. 2303
Caselli, C. 1666
Castellani, L. W. 2232
Castro, P. 1995
Castro-Gago, M. 2303
Catala, I. 86
Cazzolato, G. 419
Chahrokh-Zadeh, S. 880, 892, 1896
Chait, A. 981
Chalon, S. 680
Chambers, T. C. 2240
Chambliss, K. L. 2216
Chan, L. 2627
Chan, R. Y. S. 1649
Chang, M. C. J. 295
Chapman, J. M. 1189
Charron, T. 2548
Cheda, J. A. R. 361
Cheema, S. K. 315
Chen, G. C. 659
Chen, G. 1170
Chen, L. 546
Chen, W. 870
Chen, Z. 592
Cheng, J. 870
Chen-Liu, L. W. 2473
Chevy, F. 22
Chiang, J. Y. L. 2483
Chiba, H. 1204
Chiesa, G. 2314

Chigorno, V. 1163
Choi, S. 77
Choy, P. C. 546, 670
Christian, A. E. 2264
Christophersen, B. 837
Cianflone, K. 1, 2492
Cignarella, A. 401
Cikaluk, D. 315
Citadelle, D. 22
Civel, C. 276
Clee, S. M. 2079
Cleutjens, J. P. M. 1384
Clohessy, A. M. 2558
Cloud-Heflin, B. A. 2240
Coffill, C. R. 2224
Cohen, J. C. 2281
Cohen-Solal, C. 86
Cohn, J. S. 35, 1421
Collet, X. 634
Colombo, C. 1299
Connell, P. M. 1490
Connelly, P. W. 1318
Connor, W. E. 2516
Cook, H. W. 711
Cooper, A. D. 459, 2173
Cooper, P. S. 2422
Corring, T. 86
Costa, C. G. 173
Costa, M. H. B. 2003
Criado, J. J. 1022
Croce, M. A. 2322
Croset, M. 1571
Cullen, P. 401
Cunnane, S. C. 805
Curtiss, L. K. 77, 516, 1170
Cuthbert, C. 2090

D

Daggy, B. P. 491
Dallinger, G. 2125
Dantuma, N. P. 254
Daum, U. 121, 1242
Davidson, N. O. 847, 1103
Davignon, J. 35, 1421
Davis, R. A. 1445
Dazzo, F. B. 1229
Dean, R. T. 1730
de Beer, F. 2465
de Beer, F. C. 1490, 1583, 2232
de Beer, M. C. 1583, 2232
De Brabandere, V. 780
Deeley, R. G. 437
Dehmlow, H. 373
de Jong, Y. F. 1384
de la Llera-Moya, M. 734
De Leenheer, A. P. 780
Delion, S. 680
DeLoughery, T. 2516
Delourme, D. 962
Delton-Vandenbroucke, I. 147
de Man, F. H. A. F. 2465
Deng, J. 217
Desfaits, A-C. 1722
Deslypere, J. P. 2012
de Villers, W. J. S. 1490
de Vries, J. E. 1384
Diczfalusy, U. 2049
Diederen, J. H. B. 254
Dieplinger, H. 1755, 2103
Dietschy, J. M. 1598
Doi, T. 1433
Dolnikowski, G. G. 1535
Dolo, V. 969
Dong, L-M. 1928
Dooley, K. A. 1630
Dorland, L. 173
Dorset, D. L. 1014
Dorsey, C. A. 1149
Dory, L. 217
Dotti, M. T. 2322
Drevon, C. A. 503
Duane, W. C. 183, 1120
Duchateau, P. 1833
Dueland, S. 1445
Dugi, K. A. 1822
Dunn, S. 1496
Duran, M. 173
Durand, G. 680, 913
Dutta-Roy, A. K. 2558
Dyer, T. D. 1261

E

Edelstein, C. 2193
Eggertsen, G. 870
Ehnholm, C. 12, 1473
Ehrenborg, E. 2079
Eichinger, H. M. 2023
Eisele, B. 564
Eisenberg, S. 1033
El Babili, M. 1702
Elias, P. M. 576
Ellis, T. 2090
Elovson, J. 2473
Emi, M. 1433
Emmons, G. T. 2615
Endeman, G. 1859
Erickson, S. K. 1928
Erwin, J. A. 2399
Essenburg, A. D. 1782, 2502
Esterbauer, H. 612, 2580
Etherton, T. D. 459
Everhart, A. L. 49
Ey, F. 2516

F

Fabriàs, G. 1988
Falany, C. N. 1139
Fan, J. 1002
Farese, R. V., Jr. 1928
Fazio, S. 391
Federico, A. 2322
Feingold, K. R. 576, 1620
Férézou, J. 86
Fernández-García, M. 361
Fernández-García, M. 361
Fernández-Martin, F. 361
Ferre, F. 276
Ferré, P. 1963
Fidelio, G. D. 1412
Fidge, N. 600
Field, F. J. 61, 206, 348
Fielding, C. J. 1503
Fielding, P. E. 1503
Firth, J. C. 2071
Fisher, R. M. 1463
Fobker, M. 401
Folco, G. 627
Fong, L. 1553
Forte, T. M. 659, 2314
Fortinberry, H. 1139
France, D. 1445
Francheschini, G. 2314
Francone, O. L. 734, 813
Franzmann, K. W. 1189
Frayn, K. N. 2335
Fredenrich, A. 1421
Friedrich, G. 1755
Froese, D. E. 546
Frohlich, J. 191
Frøyland, L. 554, 1522, 1851
Fruebis, J. 2455
Fuda, H. 1204
Funahashi, T. 847, 1103
Furukawa, Y. 1795

G

Gabel, B. R. 1612
Gains, N. 373
Galli, C. 860, 1299
Galloway, A. C. 1254
Garber, D. W. 2353
García, M. V. 361

Garg, M. L. 1562
Garofalo, T. 969
Garras, A. 1522
Garuti, R. 2322
Gazzara, J. A. 2134, 2147
Gebre, A. K. 266
Gee, A. 2502
Gelsema, W. J. 1680
Germinario, R. 1
Gerok, W. 935
Gerst, N. 1685, 2615
Ghassemzadeh, M. 1833
Ghosh, M. J. 110
Gibbons, G. F. 469
Gibson, K. M. 2216
Gilat, T. 1048
Gilkey, J. C. 659
Giroux, L-M. 1421
Glasgow, W. C. 49
Glasscock, A. M. 2353
Glatz, J. F. C. 745
Glick, J. M. 1869
Gohda, M. 1639
Goldberg, I. J. 77
Gonias, S. L. 1841
Gordon, M. J. 2558
Grabinska, K. 962
Graham, J. M. 531
Grainger, D. J. 2344
Grammas, P. 147
Grange, E. 295
Grass, D. S. 2232
Grav, H. J. 554
Green, M. H. 503
Greenspan, P. 101
Greten, H. 2103
Griffiths, W. J. 926
Groot Obbink, K. 1562
Groscolas, R. 228, 1963
Grossi, E. A. 1254
Gruber, A. 2436
Grundy, S M. 1277
Grune, T. 612, 1660
Grunfeld, C. 1620
Gueguen, R. 904
Guerra, R. 2281
Guerrini, U. 343
Guesnet, P. 913
Guilloteau, D. 680
Gunn, M. D. 1928
Guo, ZK. 1888
Gurley, E. C. 2446
Gutierrez, M. M. 1170
Gutman, R. L. 101
Gylling, H. 759

H

Haberland, M. H. 324
Hagen, E. 503
Hagenbuch, B. 935
Haghpassand, M. 813
Hamilton, R. L. 1859
Hamsten, A. 301, 949
Hanasaki, Y. 1639
Handa, T. 287
Hanley, K. 576
Hanselman, J. C. 2365
Haourigui, M. 276
Hardman, D. A. 1170
Harris, W. S. 503
Hassid, J. 276
Hasty, A. H. 391
Hatch, G. M. 546
Havekes, L. M. 2465
Hawi, S. R. 1591
Hawke, R. I. 1189
Hayden, M. R. 2079
Hayek, T. 1782
Haynes, M. P. 2264
Heatherington, A. C. 1771
Hegardt, F. G. 2303
Hegde, R. S. 1149
Heinemann, T. 2569
Hell, E. 2125
Hellers, G. 795
Hendriks, H. F. J. 2273
Hennessey, L. K. 1859
Hennig, B. 2155
Herijgers, N. 1070
Hermann, M. 1308
Hermetter, A. 2411
Hernanz, D. 1988
Herrera, D. 1347
Herrera, M. C. 1022
Herzberg, G. R. 228
Heuman, D. M. 1217, 2483
Hiester, K. G. 1869
Higgins, J. A. 531
Hilden, H. 1463
Hill, J. 191
Hillard, C. J. 2383
Hillgartner, F. B. 2548
Himber, J. 373
Hinson, D. D. 2216
Hirano, K-I. 847, 1103
Hodis, H. 419
Hoeg, J. M. 2537
Hofer, G. 2411
Hoff, H. F. 1347
Hoffstedt, J. 795
Holleran, W. M. 576
Hollingsworth, R. I. 1229
Holven, K. B. 645
Honig, M. A. 1771
Honjo, A. 585
Hopkins, P. N. 1361
Hoppe, G. 1347
Hori, D. 1954
Hornstra, G. 1746
Howlett, G. J. 1649
Huang, X. 1289
Huang, Y. 110
Huang, Y. 1242
Huff, M. W. 1318
Hui, R. 49
Hui, S-P. 1204
Hultin, M. 949
Humphreys, S. M. 2335
Humphries, S. E. 1061, 1463
Hustvedt, B-E., 503
Hutt, D. M. 2224
Hwang, J. 419
Hylemon, P. B. 2446, 2483

I

Iaizzo, P. A. 2023
Inazu, A. 585
Innerarity, T. L. 1361
Innis-Whitehouse, W. 2603
Inoue, T. 1954
Ishida, N. 1639
Itakura, H. 1433
Ito, M. 1923
Itoh, H. 1639
Ivessa, N. E. 1308
Iwase, S. 1795
Iyer, S. 1254
Izu, H. 1923

J

Jacobs, N. L. 1973
Jakobs, C. 173, 2062
Jansen, G. A. 2062
Jansen, S. 1995
Jarvis, M. 1859
Jauhiainen, M. 12, 1473
Javitt, N. B. 1053, 1254, 1906
Jayasimhulu, K. 2399
Jenden, D. J. 1764
Jensen, M. D. 1888
Jerdack, G. R. 491
Jessup, W. 1730

Ji, Y-H. 373
Jian, B. 734
Jiang, X. 1033
Jiang, Y. 576
Jien, M-L. 324
Jimenez Pereperez, J. A. 1995
Jin, L. 1085
Johnston, J. M. 2281
Jonas, A. 1085
Jonnalagadda, S. S. 459
Juanéda, P. 1666
Juntti-Berggren, L. 2049
Jurevics, H. A. 723
Juste, C. 86

K

Kaiser, S. 2155
Kajinami, K. 585
Kakiuti, Y. 139
Kallin, B. 2049
Kallio, M. J. T. 759
Kane, J. P. 659, 1170, 1833, 1859
Kaneshiro, E. S. 2399
Kannenberg, F. 401
Kaptein, A. 2273
Karpe, F. 301, 949, 2335
Karst, F. 962
Kastelein, J. J. P. 191, 1612
Katan, M. B. 2012
Kato, H. 1954
Kato, Y. 1334
Katsuura, K. 1639
Kayden, H. J. 77
Kearney, D. M. 2289
Kelleher, J. K. 1454
Kendrick, J. S. 531
Kern, P. A. 77
Keshava, C. 2207
Kidwai, F. Z. 723
Kielian, M. 1973
Kikuchi, J. 1795
Kilinç, C. 429
Kim, J. G. 2207
Kim, K-S. 870
Kimura, A. 1954
Kindy, M. S. 1583
Kirchgessner, T. G. 2492
Kivlen, M. H. 1149
Klein, A. 2569
Knapper, C. L. 1822
Knott, T. J. 324
Ko, J. 1544
Kobayashi, K. 1204
Kobayashi, K. 2627
Kodama, T. 1433
Koizumi, I. 585
Koizumi, J. 585
Kojima, N. 645
Komaromy, M. C. 1553
König P. 1755
Konikoff, F. M. 1048
Kooistra, T. 2273
Koschinsky, M. L. 1612
Kostner, G. M. 239, 2411
Koul, O. 1702
Kovanen, P. T. 1877
Kraemer, F. B. 1553
Kraft, H. G. 1612
Krauss, R. M. 659, 690, 2353
Krempler, F. 2125
Kreuzer, J. 324
Krieger, M. 1289
Krimbou, L. 35, 1421
Kris-Etherton, P. M. 459
Kroeger, E. A. 546
Kroes, I. 1170
Kroes, J. 1170
Kronenberg, F. 1755, 2103
Kryvi, H. 1851
Kubota, S. 870
Kuivenhoven, J. A. 191
Kuksis, A. 1347, 2529
Kulkarni, K. R. 2353
Kumar, A. 2240
Kummerow, F. A. 429
Kunitake, S. T. 1859
Kurahara, K. 139
Kuriyama, M. 870
Kurosawa, T. 1954, 2589
Kurz, G. 935
Kuusi, T. 823

L

Laakso, S. 790
La Belle, M. 659, 690
Laccotripe, M. 1289
Lacko, A. G. 1267
Lafont, H. 86
Lagarde, M. 1571
Lagrost, L. 1129
Lalouel, J-M. 1361
Lamarche, B. 1771
Langin, D. 1963
Lanza-Jacoby, S. 701
Larson, G. 1795
Lasch, J. 2374
Lathe, R. 1053
Latour, M. A. 592
Lavialle, F. 913
La Ville, A. E. 1061
Laville, M. 1571
Lazure, C. 634
Le, N-A. 2603
LeBoeuf, R. C. 2079
Lecerf, J. 1571
Lee, Y-P. 1085
Leiter, E. H. 1139
Lejeune, B. 680
Lemieux, S. 2529
Lengsfeld, H. 373
Leong, S-l. 1730
Leren, T. P. 121
Levak-Frank, S. 239
Levstein, P. R. 1412
Lewis, G. F. 1771, 2529
Lhotta, K. 1755
Li, N. 1014
Li, X. 2603
Li, X. 1277
Liang, B. 546
Liao, H-S. 1433
Lichtenstein, A. H. 1535
Lie, Ø. 1522
Lightner, D. A. 1178
Lin, D. S. 2516
Lin, S. S. 1630
Lingappa, V. R. 1149
Lingenhel, A. 1755
Lingrell, S. 447
Linke, T. 2569
Linton, M. F. 391, 2473
Liscum, L. 1973
Liu, J. 2035
Liu, S. 546
Liu, Y-M. 2125
Lligona-Trulla, L. 1454
Llirbat, B. 22
Lodge, J. K. 992
Lohse, P. 880, 892, 1896
Lohse, P. 880, 892, 1896
Londos, C. 2249
Lönnqvist, F. 795
Lookene, A. 2111
Lopes-Virella, M. F. 110
Lopez-Miranda, J. 1995
Lopez Segura, F. 1995
Lu, G. 503
Ludwig, E. H. 1361
Luiken, J. J. F. P. 745
Luna-Chavez, C. 659
Lund-Katz, S. 2134, 2147
Lusis, A. J. 2232

Lutton, C. 86
Lysiak, J. J. 1841

M

Ma, H. 1877
Mabuchi, H. 585
MacPhee, C. E. 1649
Madsen, L. 554, 1522, 1851
Magaña, M. M. 1630
Maier, R. 564
Maiorino, M. 419
Makino, Y. 1334
Malle, E. 239
Malloy, M. J. 1833
Mamo, J. C. L. 410
Mamputu, J-C. 1722
Man, R. Y. K. 546
Mao, F. 101
Marais, A. D. 2071
Marcel, Y. L. 634
Marcovina, S. M. 585, 2353
Marin, C. 1995
Marin, J. J. G. 1022
Mark. M. 564
Martín, C. A. 1412
Martin, J-C. 1666
Martin, K. O. 1053, 1254
Marzola, P. 343
Masana, L. 1061
Maslowska, M. 1
Massamiri, T. 516
Mastro, A. 459
Mathé, D. 86
Mathur, S. N. 61, 206, 348
Matsuda, I. 139
Matsugo, S. 992
Matsumoto, A. 1433
Mattson, M. P. 2155
Matzno, S. 1639
May, G. L. 1562
Mazzone, T. 981
McCall, M. R. 2314
McCourt, M. P. 1014
McDonagh, A. F. 1178
McKeone, B. J. 429
McLeod, R. S. 1937
McNeish, J. 813
McPherson, R. 1995
Medarde, M. 1022
Mehrabian, M. 324
Mehta, K. D. 2240
Meier, P. J. 935
Meiner, V. 1928
Memon, R. A. 1620
Mendez, A. J. 1807
Meng, L. J. 926
Mensink, R. P. 1746
Merkel, M. 1782
Merrill, A. H., Jr. 1764
Meskers, S. C. J. 1070
Metcalfe, J. C. 2344
Meyer, K. 401
Meyer, N. 2103
Meyn, S. M. 1822
Miao, L. 2079
Miccoli, R. 1242
Miettinen, T. A. 759
Mignot, T. M. 276
Miller, D. B. 1318
Miller, K. R. 1094
Miller, N. E. 1267
Miller, R. 1014
Milne, R. W. 301, 634
Min, J. 847, 1103
Minich, D. M. 1709
Miyajima, K. 287
Miyako, Y. 287
Moes, N. 1755
Moore, P. H., Jr. 1261
Mooser, V. 2281
Morand, O. H. 373
Morimoto, C. 132
Morrell, P. 723
Moser, A. H. 1620
Müller, P. 564
Murai, L. 1954
Murphy, A. A. 2207
Murray, A. B. 391
Murray, I. 2492
Murthy, S. 61, 206
Mussoni, L. 860
Mustad, V. A. 459
Myers, H. M. 1928
Mymin, D. 546

N

Nagata, N. 139
Nagy, N. E. 645
Nakamura, M. 1795
Nakamura, N. 1639
Naoumova, R. P. 1496, 2071
Natu, V. 1553
Navalesi, R. 1242
Nazer, H. 926
Neele, D. M. 2273
Negroni, E. 1163
Nestel, P. 600
Netscher, M. H. 1070
Neufeld, E. B. 2422
Neuwirth, C. K. Y. 1496, 2071
Newton, R. S. 2502
Nicolini, M. 1163
Nielsen, S. 1888
Niemeier, A. 2103
Nikolova-Karakashian, M. N. 1764
Nilsson, J. 2049
Nilsson, S. 2111
Nithipatikom, K. 1591
Nobili, F. 627
Nomura, Y. 1954
Nordstoga, K. 837
Normand, S. 1571
Norum, K. R. 645
Nour, M. 1666
Novak, S. 1928
Nunez, E. A. 276

O

O, K. 670
Oberkofler, H. 2125
Ochoa, B. 1482
O'Connell, N. C. 491
Odaka, H. 1033
Ohta, T. 139
Oka, K. 2627
Okuda, H. 132
Olivecrona, G. 837, 2111
Olivecrona, T. 837, 949
Olkkonen, V. M. 1473
Ollivier-Bousquet, M. 913
Ordovas, J. M. 1535, 1995
Orrenius, S. 2049
Osawa, T. 1334
Osborne, T. F. 1630
Osculati, F. 343
Ose, L. 121
Osmundsen, K. 429
Ostos, M. A. 1995
Otten, W. 2023

P

Packer, L. 992
Pagano, R. E. 482
Page, K. R. 2588
Paigen, B. 1395
Palamarczyk, G. 962
Palgunachari, M. N. 2134, 2147
Palinski, W. 2455
Palomero, M. F. 1022
Panchalingam, K. 1973
Pandak, W. M. 2483
Pang, J. 1685

Pang, L. 77
Pangborn, W. 1014
Panzenboeck, U. 239
Pao, Q. 429
Pape, M. E. 2365, 2502
Park, J. 2529
Parker, R. A. 2492
Parks, J. S. 266, 1094
Parolini, I. 969
Parquet, M. 86
Parthasarathy, S. 2207
Patel, S. 1553
Patel, S. B. 1277
Patsch, W. 2125
Patterson, B. W. 592
Pattison, J. 2455
Pavan, A. 969
Payton-Ross, C. 429
Pearson, T. A. 459
Penders, M. 2012
Penny, C. 2071
Pentchev, P. G. 2422
Perez-Jimenez, F. 1995
Perheentupa, J. 759
Perret, B. 634
Perrotti, D. 701
Peschle, C. 969
Petras, T. 1660
Phair, R. D. 2422
Phetteplace, H. 701
Philip-Hollingsworth, S. 1229
Phillips, M. C. 2134, 2147, 2264
Phillips, M. L. 1170, 2473
Pié, J. 2303
Pijnenberg, M. A. P. 254
Pitas, R. E. 2207
Plump, A. S. 1033
Pörn-Ares, M. I. 2049
Pousin, J. 1571
Pownall, H. J. 429
Price, J. O. 391
Princen, H. M. G. 2273
Pritchard, H. 191
Proctor, S. D. 410
Protter, A. 1859
Pulai, J. 592
Pullinger, C. R. 659, 1170, 1833
Purdon, D. 526
Pussinen, P. J. 12, 1473

Q

Quintilio, W. 2003

R

Rabin, O. 295
Raclot, T. 1963
Rader, D. J. 1583, 1869
Rainteau, D. 913
Rainwater, D. L. 1261
Rallidis, L. 1496
Ramia, M. E. 1412
Ramos, P. 2580
Ramsamy, T. A. 2224
Randolph, R. K. 1374
Rao, Y-P. 2446
Rapoport, S. 526
Ravandi, A. 1347
Rea, T. J. 2365
Reblin, T. 2103
Redford, K. 2483
Redondo, M. I. 361
Reiss, A. B. 1053, 1254
Rendell, N. B. 1496
Renier, G. 1722
Rensen, P. C. N. ,1070
Ribalta, J. 1061
Ribes, A. 2303
Ridgway, N. D. 711
Rigotti, A. 1289
Ringel, Y. 1048
Rintamäki, A. 790
Riottot, M. 86
Risé, P. 860, 1299
Roberts, E. A. 437
Rodriguez, E. 1022
Rodrigueza, W. V. 2147
Rodriguez-Segade, S. 2303
Roemen, T. H. M. 1384
Rojer, D. E. 1254
Roos, N. 645
Rosenberg, R. 1048
Rosseneu, M. 1463
Rothblat, G. H. 734, 2264
Rothe, U. 2374
Roux, C. 22
Royer, L. 734, 813
Ruan, B. 1685, 2615
Rubin, E. M. 2314
Rudick, M. 217
Rudick, V. 217
Ruiz, J. I. 1482
Russell, R. W. 1764
Rustan, A. C. 1522
Rytka, J. 962

S

Sagen, E. 1913
Saito, H. 287
Saito, M. 1795
Sakai, N. 1822
Sakai, T. 1795
Saku, K. 139
Sala, A. 627
Salah, D. 904
Salisbury, J. A. 1189
Salman, M. 482
Salmenperä, L. 759
Samra, J. S. 2335
Sanan, D. A. 1002
Sandhoff, K. 2569
Sando, J. J. 2446
Sansolini, T. 969
Santamarina-Fojo, S. 1822, 2537
Sargiacomo, M. 969
Sasahara, T. 600
Sato, M. 2589
Sattler, W. 239
Sawyer, W. H. 1649
Sawyez, C. G. 1318
Sbarbati, A. 343
Scantlebury, T. 1
Scanu, A. M. 2193
Schaefer, E. J. 1535
Schneider, W. J. 1308
Schober, M. 1755
Schonfeld, G. 592
Schor, D. S. M. 2062
Schroepfer, G. J., Jr. 1685, 2615
Schultz, J. R. 2224
Schumaker, V. M. 1170, 2473
Schwab, D. A. 2365
Schwab, D. 935
Schwartz, C. C. 2422
Scott, J. 324
Sébédio, J-L. 1666
Sedkova, N. 701
Segrest, J. P. 2134, 2147, 2353
Sehayek, E. 1782
Seidel, D. 880, 892, 1896
Seif, F. 1308
Sekerke, C. S. 2502
Senoo, H. 645
Seo, T. 765
Sérougne, C. 86
Serrero, G. 2249
Setchell, K. D. R. 491

Sevanian, A. 419
Seyama, Y. 870
Seyfried, T. N. 160
Shahidi, A. K. 1833
Shamburek, R. D. 2422
Shechter, I. 1620
Sheiffele, P. 1782
Shelledy, W. R. 1261
Shen, G. X. 2079
Shen, Y. 837, 2111
Shey, J. 2615
Shibuya, H. 1204
Shigenaga, J. K. 1620
Siems, W. G. 612, 1660
Siest, G. 904
Sigel, C. 1189
Siimes, M. A. 759
Simon, M. 1374
Sirtori, C. R. 2314
Sjövall, J. 926
Sjursen, W. 1522
Slifer, S. H. 1261
Small, D. M. 1544
Smelt, A. H. M. 2465
Smith, P. 1869
Snow, J. W. 2134, 2147
Sömjen, G. J. 1048
Songstad, J. 1522
Sonnino, S. 1163
Sorice, M. 969
Sorrell, T. C. 1562
Spady, D. K. 1598, 2289
Sparks, D. L. 2224
Spence, M. J. 2035
Staels, B. 1851
Stafford, W. F. 1649
Stafforini, D. 2281
St. Clair, R. W. 765
Steinberg, F. M. 981
Steiner, G. 2529
Sternberg, D. 1973
Steyrer, E. 2411
Stieger, B. 935
Stinson, B. A. 491
Stöckl, D. 780
Stoltzfus, L. J. 2314
Storey, M. K. 711
Stravitz, R. T. 2446, 2483
Streiff, R. 2035
Struys, E. A. 173
Sueyoshi, N. 1923
Suga, T. 2589
Sul, D. 2399
Summers, L. K. M. 2335
Suutari, M. 790
Suzuki, H. 1204
Suzuki, M. 1954
Sviridov, D. 600
Swaney, J. B. 734
Swanson, M. E. 2232
Syvänne, M. 1463
Szeto, L. W. 1771
Szkopinska, A. 962

T

Tai, T. 969
Takahashi, Y. 1204
Tall, A. 1033
Talley, G. D. 2537
Talmud, P. J. 1463
Tam, C. 1928
Tam, S-P. 2090
Tanaka, R. D. 2216
Taskinen, M-R. 1463
Tatidis, L. 2436
Tavares de Almeida, I. 173
Taylor, G. W. 1496
Taylor, J. M. 1002
Tayot, J. L. 1571
Tegelkamp, K. 401
Temme, E. H. M. 1746
Ten Brink, H. J. 173
Testa, T. 627
Thelander, L. 2111
Thienpont, L. M. 780
Thomas, G. 2516
Thompson, G. R. 1496, 2071
Thyberg, J. 2049
Tiozzo, R. 2322
Tobias, P. S. 516
Toborek, M. 2155
Tohma, M. 1954, 2589
Tokunaga, T. 1639
Torrisi, M. R. 969
Toth, M. J. 2216
Totland, G. K. 1851
Traber, M. G. 992
Tran, J. 2492
Tran, K. 546, 1937
Trawick, J. D. 1445
Tremblay, M. 35, 1421
Tremblay, N. 634
Tremoli, E. 860
Trenkwalder, E. 1755
Trull, F. R. 1178
Tsuchihashi, K. 1204
Tsuji, M. 1204
Tsujita, T. 132
Tsukamoto, K. 1583, 1869
Tsunoda, A. 1795
Tsuruta, L. R. 2003
Turley, S. D. 1598
Turner, P. R. 1061
Twisk, J. 2273

U

Uffelman, K. D. 1771
Underwood, K. W. 1973
Ursini, F. 419
Usher, D. C. 1869
Utermann, G. 1755

V

Vaagenes, H. 1851
Vaisman, B. L. 1822, 2537
Valkonen, M. 823
Vallvé, J. C. 1061
van Antwerpen, R. 659
van Berkel, T. J. C. 1070
van Bilsen, M. 1384
van Birgelen, A. P. J. M. 2012
Vance, D. E. 447
van den Bosch, H. 1680
VadenBroek, J.M. 2422
van den Ende, A. E. 1612
van den Hoek, Y. Y. 1612
Van der Horst, D. J. 254
van der Laarse, A. 2465
van der Vusse, G. J. 745, 1384
van der Westhuyzen, D. R. 1490, 1583, 2232
van Echten-Deckert, G. 2569
van Eck, M. 1070
van Nieuwenhoven, F. A. 745
Vanni-Reyes, T. M. 77
Verhoeven, N. M. 2062
Verkade, H. J. 1709
Vermeulen, P. S. 447
Vestal, R. E. 2035
Viens, L. 1129
Villagomez, J. 1833
Visvikis, S. 904
Vitols, S. 2436
Vlahcevic, Z. R. 2446, 2483
Von Eckardstein, A. 121, 1242
Vonk, R. J. 1709
Vork, M. M. 1384

W

Wanders, R. J. A. 1612, 2063, 2303
Wang, D. Q-H. 1395
Wang, S-L. 1445

Wang, Z. 2090
Ward, R. H. 1361
Watanabe, T. 2589
Weaver, A. M. 1841
Webb, N. R. 1490, 1583
Weech, P. K. 634
Weeks, C. M. 1014
Weinstock, P. H. 1782
Weisgerber, J. 2569
Weisgraber, K. H. 1928
Welch, R. M. 1189
Wells, M. A. 68
Welty, F. K. 1535
Wessling, J. 1242
Westerlund, J. 2492
Westrum, E. F., Jr. 361
White, A. L. 324
Wilkinson, J. 531
Williams, M. L. 576
Williams, R. R. 1361
Willnow, T. E. 2103
Wilson, G. M. 437
Wilson, W. K. 1685
Winegard, D. A. 1189
Winklhofer-Roob, B. M. 2580
Wintersberger, A. 239
Witchell, C. M. 2344
Wohlfeil, E. R. 1591
Wolf, C. 22
Wolfe, B. M. 1318
Wolins, N. E. 2249
Wölle, S. 2502
Wong, J. T. 546
Woollett, L. A. 2289
Wright, L. C. 1562
Wu, L. 1033, 1782
Wu, L. L. 1361
Wu, M-J. 2473

X

Xiao, Q. 2473
Xu, F. Y. 670
Xu, S. 1289

Y

Yamashita, T. 600
Yamauchi, T. 1639
Yan, L-J. 992
Yanagisawa, K. 1795
Yang, X-P. 585
Yang, Y. 926
Yao, Z. 447, 1937
Yeung, S-C. J. 2627
Yoshimura, T. 1954
Young, S. G. 324, 2473
Yu, H. 101

Z

Zambrana, J. L. 1995
Zamburlini, A. 419
Zannis, V. I. 1289
Zapater, N. 2303
Zech, L. A. 2422
Zechner, R. 239
Zegwaard, M. 2012
Zellmer, S. 2374
Zhang, H. 2079
Zhang, X. 2090
Zhang, Y. L. 2035
Zhang, Z. J. 2492
Zhao, B. 2281
Zhu, N. 2516
Zhu, Y. 1242
Zimmermann, R. 239
Zollner, H. 612
Zwingelstein, G. 1702

SUBJECT INDEX

VOLUME 38 NUMBERS 1–12

A

ACAT: *see* Acyl-CoA:cholesterol acyltransferase
Acetyl coenzyme A carboxylase promoter: Sterol regulation of 1630
Acetyl-CoA carboxylase: Regulation of by arachidonic and medium-chain fatty acids 2548
Acetyl-L-carnitine
Contribution to de novo synthesis of fatty acids and ketone bodies 1454
Flux to lipids in cells 1454
Acid lipase family: Identification of catalytically active residues 892
Acid lipase gene family: One highly conserved gene structure 880
Aciduria: Determined by two-base deletion of the HMG-CoA lyase gene 2303
ACP: *see* Acylation stimulating protein
Acyl-CoA:cholesterol acyltransferase: Inhibition by ureido fibrate analogues 1189
Acyl-CoA:cholesterol acyltransferase gene: Tissue expression of 1928
Acylation stimulating protein
Bioactive recombinant 2492
In vitro production of, in differentiated human adipocytes 1
Acylcarnitines, plasma: Quantitative analysis of using GC-CI-MS 173
N-Acylethanolamines: Structures of 2383
Adenovirus-mediated expression: Of hepatic lipase in LCAT transgenic mice 1822
Adipocytes
3T3-LI, ADRP on lipid storage droplets of 2249
Differentiated human, in vitro production of ASP in 1
Omental, adrenergic regulation 795
Subcutaneous, adrenergic regulation 795
Adipokinetic hormone: Induction of lipolysis by, in the fat body 68
Adipose differentiation-related protein: A lipid storage droplet-associated protein 2249
Adipose tissue
Brown, selective mobilization of fatty acids from 228
Clearance of lipoprotein remnant particles in 2335
Human, quantitation of expression of uncoupling protein gene 2125
Kinetics of incorporation of dietary fatty acids into 2012
Regulation of gene expression in, by n-3 PUFA 1963
Sepsis-induced regulation of LPL in 701
Adrenergic regulation: Of lipolysis in adipocytes from obese and non-obese men 795
ADRP: *see* Adipose differentiation-related protein
Aging
Age-related phospholipid fatty acid composition in rat hippocampus 680
Of neuronal cells in culture, activity of 3-ketosphinganine during 1163
Albumin: Transport of docosahexaenoic acid by 1571
Aldehyde metabolism 612, 1660
Alimentary lipemia: Alterations of VLDL composition during 301
1-O-Alk-1′-enyl-2-acyl-*sn*-glycero-3-phosphoethanolamine: Biosynthesis in guinea pig heart 670
Alkanoic acids: Molecular association with their thallium salts 361
Alternative splicing: Of SR-BI 1490
Amino acid sequence
Deduced, of pig PLTP 1473
Of mammalian apoA-I species 634
N-Aminodeanol: Replacement of dietary choline by, effect of on sphingomyelin metabolism 1764
Amino terminus of apolipoprotein B: Provides recognition of modified LDL for scavenger receptor uptake 324
Amphipathic helical peptides
Interaction with phospholipid unilamellar vesicles 2134
Interaction with various size vesicles 2147
Anaphylatoxin, C3a: Distinct from functional bioactive ACP 2492
Animal models: HDL clearance in 1771
Anti-apobec-1 antibody: Produced by genetic immunization 2627
Antibodies, anti-apolipoprotein B: Effects on interaction of LPL with LDL 77
Antibody, specific polyclonal: Against 13-HPODE-modified protein 1334
Antioxidant response element region: Of the human apoA-I gene 2090
Antioxidants 823
Protection of plasma LDL by 2455
Antitumor activity: Of platinated bile acids 1022
Aortic smooth muscle: Induction of apoptosis in, by 25-hydroxycholesterol 2049
Aortic endothelial cells: Monocyte adhesion to, increased by LPL 1722
Apheresis: In homozygous FH subjects, decreased production of LDL by atorvastatin 2071
Apobec-1: Production of rabbit polyclonal antibody against, by genetic immunization 2627
Apobec-1 gene: Human, expression in gastrointestinal tissues 847
APOBEC-1: *see* Apolipoprotein B mRNA editing enzyme catalytic polypeptide 1
Apolipoprotein A-I
$(R160L)_{oslo}$, HDL cholesterol in heterozygotes 121
Association with murine scavenger receptor SR-BI 1289
Binding to lipid bilayers and emulsions, effect of cholesterol on 287
Deficiency in mice, overexpression of SAA in 1583
Diet-induced alterations in transport 2289
Effects of dimethyl sulfoxide on, in HepG2 cells 2090
Epitopes 634
Gene transfer in mouse models of atherosclerosis 1869
Hepatic, expression of influenced by cholesterol 7α-hydroxylase 1445
In recombinant HDL and LCAT 266
In recombinant HDL, effect of PUFA on stability of 266
Induction of synthesis by retinoids 2273

Interfacial binding of 1094
Mammalian, evolution and conservation of antigenicity 634
Metabolism in heterozygous knock-out mice 1033
Mice deficient in 1033
Molar ratio to apoA-II, effect of on PLTP-mediated interconversion of HDL 12
Quantitation by a cDNA-dependent scintillation proximity assay 2365
Role of in association of LBP to HDL 516
Apolipoprotein A-I gene: Targeting in the mouse 1033
Apolipoprotein A-I knockout mice: Characterization of HDL metabolism in 1033
Apolipoprotein A-I$_{Milano}$: Transgenic mice, HDL particle size in 2314
Apolipoprotein A-I variant: (L141R)$_{pisa}$, HDL and cholesterol efflux, in carriers of 1242
Apolipoprotein A-II
Association with murine scavenger receptor SR-BI 1289
Molar ratio to apoA-I, effect of on PLTP-mediated interconversion of HDL 12
Apolipoprotein A-IV
Knockout mice, HDL cholesterol levels and lipid absorption 1782
Mutation, effect on plasma HDL cholesterol response to dietary fat 1995
Apolipoprotein B
Assembly with lipids in endoplasmic reticulum 531
Inhibition of secretion in CaCo-2 cells by IL-6 206
Lipoprotein-containing, synthesis and secretion in LMH-2A cells 1308
Modification during oxidation of LDL 992
Newly synthesized, intracellular degradation of 1937
Secretion in CaCo-2 cells, cytokine-mediated inhibition of 206
Truncated, secretion from McArdle RH7777 cells 447
Apolipoprotein B mRNA editing enzyme: Cloning and characterization of 1103
Apolipoprotein B, genetic variations: Association with hypercholesterolemia, CAD, and receptor binding of LDL 1361
Apolipoprotein B-33: With a large internal deletion, in HDL and VLDL secreted from cell culture 2473
Apolipoprotein B-48
Secretion from rat hepatocytes, effect of dietary n-3 fatty acids 469
Secretion in obese mice 1277
Separation and quantitation by dynamic sieving capillary electrophoresis 410
Single copy on the human chylomicron remnant 1170
Apolipoprotein B-67: Metabolism in apoB-67/B-100 heterozygotes 1535
Apolipoprotein B-100
Amino terminus, mediation of scavenger receptor uptake by 324
Asymmetric distribution of pause transfer sequences in 1149
Lipid hydroperoxide-modified in oxidized LDL 1334
Metabolism in a kindred with FHBL 592
Multicompartmental model for 592
Production of rabbit polyclonal antibody against apobec-1 by genetic immunization 2627
Secretion in obese mice 1277
Apolipoprotein C-II
Guinea pig, expression in *E. coli* 2111
Guinea pig, stimulation of LPL by 2111
Apolipoprotein C-III
Association with murine scavenger receptor SR-BI 1289
Deficiency in apoA-IV knockout mice 1782
Lipoprotein distribution in, in normo- and hypertriglyceridemic subjects 1421
Apolipoprotein C-III gene: Associated with VLDL and IDL particles in FCHL 1061
Apolipoprotein C-III genetic variant: Associated with moderate hypertriglyceridemia 1833
Apolipoprotein concentrations: In human group II secretory non-pancreatic PLA_2 transgenic mice 2232
Apolipoprotein E
Cell surface associated 217
Enhanced secretion from macrophage by oxidized LDL 981
In HDL subspecies 1859
In HDL, characterization of 35
Polymorphisms, effect of on lipoprotein levels 904
Apolipoprotein E phenotype
And serum cholesterol in infants 759
Human plasma HDL 35
Apolipoprotein E-containing triglyceride-rich emulsions: Specificity for LDL receptor and hepatic remnant receptor 1070
Apolipoprotein J 1859
Apolipoprotein [a] 1755
Dissection by enzymes of the elastase family 2193
Apolipoproteins
Changes in CETP deficiency 1204
Effect of apoA-I(R160L)$_{oslo}$ on 121
Imaging of in LDL and reconstituted discoidal HDL, by cryo-electron microscopy 659
Mediation of cholesterol efflux by 1807
Separation and quantitation by dynamic sieving capillary electrophoresis 410
Apoptosis
Induction of by 25-hydroxycholesterol in aortic smooth muscle cells 2049
TNF-induced, effect of linoleic acid 2155
Apoptotic cell death
Of cardiomyocytes 1384
Simvastatin-induced 1639
Aqueous dissociation constants: Of bile pigments and sparingly soluble carboxylic acids, effects of hydrogen bonding 1178
Arachidonic acid
In membrane phospholipids, importance for intracellular transport 913
Inhibition of transcription of the acetyl-CoA carboxylase gene in cultured hepatocytes 2548
Arachidonylethanolamide
A putative endogenous cannabinoid, biochemistry and pharmacology 2383
Proposed mechanism for synthesis of 2383
Arterial endothelium, human: Expression of sterol 27-hydroxylase in 1254
ASP: *see* Acylation stimulating protein
Atherogenesis: And antioxidant protection of plasma LDL 2455
Atherosclerosis
Mouse models 1869
Susceptibilities to, in inbred mice 1445
Atherosclerotic plaque
7-Hydroperoxycholesterol in 1730
Lipid analysis of 1730

Atorvastatin
Decreased production of LDL by, after apheresis in FH 2071
Effect of on lipids and lipoproteins in LDL receptor-deficient mice 2502
Prolonged inhibition of cholesterol synthesis by 1496
AY-9944: Effect of, on cholesterol synthesis in cultured rat embryo 22

B

BAT: *see* Bile acid CoA:amino acid N-acyltransferase
BBMV: *see* Brush border membrane vesicles
Benzoolysis: Of choline glycerophospholipids 1680
BeWo cells: Fatty acid uptake and metabolism by 2558
BIBB 515: An inhibitor of 2,3,-oxidosqualene cyclase 564
Bile: Enterohepatic circulation of 1709
Bile acid biosynthesis
Measurement in control and hypertriglyceridemic subjects 183
β-Oxidation of side chain 2589
Bile acid CoA:amino acid N-acyltransferase: Mouse liver, cloning, expression, and chromosomal localization 1139
Bile acids
Activation of protein kinase C by 2446
Analysis in biological fluids by HPLC 1906
Excretion, effect of psyllium and cholestyramine 491
Fecal, analysis of 491
Fecal, in pigs fed a cholesterol-enriched diet 86
Perinatal metabolism 1954
Platinated, as cytostatic drugs 1022
Urinary, in pregnant women and newborns 1954
Bile pigments: Aqueous dissociation constants of, effects of hydrogen bonding 1178
Bile salt mixtures: Distribution between membranes and aqueous media 1217
Bile salt taurine conjugates: In lecithin-cholesterol vesicles 1217
Bile salt:vesicle binding: Binding model 1217
Biliary lipid composition: Of gallbladder bile, during gallstone formation 1395
Biliary lipids: Effects of legume consumption on, in humans 1120
Binding
Of apoA-I to lipid bilayers and emulsions, effect of cholesterol 287
Of lipoprotein lipase to lipids 1649
Bioactivity/uptake: Of CLOS analogs in legume roots 1229
Biochemical characteristics of LCAT mutations 191
Bone marrow transplantation: Studies in the mouse 392
Brain lipid metabolism 295
Brain lipids: Incorporation of fatty acids into, in the awake adult rat 526
Brain tumor cells: Cohesion of, influence of HDL and GM3 on 160
Breast feeding: Serum cholesterol in infants 759
Bromohexadecanoic acid: Inhibition of sex pheromone biosynthesis by 1988
Brown adipose tissue: Chemical shift imaging of 343
Brown adipose tissue fatty acids: Fasting-induced selective mobilization of 228

C

CaCo-2 cells
Cholesterol metabolism in, effect of β-sitosterol 348
Microsomal triglyceride transfer protein in 61
Secretion of apoB in 206
CAD: *see* Coronary artery disease
Calcium channel blockers: Inhibition of apoptosis induced by 25-hydroxycholesterol in aortic smooth muscle cells 2049
Calcium homeostasis: In cultured endothelial cells, effect of linoleic acid 2155
Candidate receptors: Hepatic uptake of chylomicron remnants 2173
Cannabinoid, putative endogenous: Arachidonylethanolamide 2383
Cannbinoid receptor: Binding of arachidonylethanolamide to 2383
Carbohydrate supplementation: Increase in fractional synthetic rate of VLDL triglyceride palmitate by 2529
Carboxylic acids: Aqueous dissociation constants of, effects of hydrogen bonding 1178
Cardiomyocytes
Apoptotic cell death of, induced by fatty acids 1384
Uptake and metabolism of palmitate by 745
Carnitine acyltransferase 745
Catalytic triad: Of the acid lipase family 892
Cationic liposomes: Interaction with an antigenic protein 2003
Caveolin: Role in free cholesterol transport 1503
Cell signalling molecules: At the human feto-maternal interface 276
Cell surface: Macrophages, apoE on 217
Cell surface proteoglycans: Role of, in uptake of hypertriglyceridemic VLDL and remnants by HepG2 cells 1318
Cellular cholesterol
Quantitation by HPLC and secondary ion mass spectrometry 401
Use of cyclodextrins to manipulate content of 2264
Cellular lipids: Fatty acid composition of 1913
Ceramides
And diacylglycerols, simultaneous separation by two-dimensional thin-layer chromatography 1702
Endogenous, turnover in cultured normal and Farber fibroblasts 2569
Of Paramecium, identification and initial characterization 2399
Cerebral endothelial cells: PUFA metabolism in 147
Cerebrotendinous xanthomatosis
Caused by mutation of the sterol 27-hydroxylase gene 870
Mutations of sterol 27-hydroxylase gene in 2322
CETP: *see* Cholesteryl ester transfer protein
Charge properties: Of LDL subclasses 690
Chemical shift magnetic resonance imaging: Of brown adipose tissue 343
Chinese hamster ovary cells
Cholesterol auxotrophic, phosphatidylcholine synthesis in 711
Defective, cholesterol transport in 1973
Relationship between HSL and cholesterol metabolism 1553
Chinese hamster ovary fibroblasts: ADRP associated with lipid storage droplets in 2249
Chitolipooligosaccharides: Rhizobium, structural requirements for bioactivity in legume roots 1229
CHO: *see* Chinese hamster ovary cells

27-nor-5β-Cholestanoic acid: β-Oxidation of derivatives of 2589
Cholestasis: Conjugated 24-hydroxycholesterol in 926
Cholesterol
Accumulation by macrophages, mediated by heparan sulfate proteoglycans 765
Cellular, use of cyclodextrins for manipulating content of 2264
Deposition in cultured macrophages 101
Dietary, regulation of gene expression of cholesterol 7α-hydroxylase by 315
Effect of on apoA-I binding to lipid bilayers and emulsions 287
Growth rate in model biles 1048
In macrophages, improved method for quantitation of by HPLC 401
In THP-1 cells treated with PMA 110
Intracellular transport, review article 1503
LDL, attenuation by HMG-CoA inhibitors in mice devoid of LDL receptors 2502
Levels in apoA-I-deficient mice 1033
Liposomes 101
Oxidation products of 1730
Oxidized, X-ray crystal structure of 1014
Plasma, lowering by Ro 48-8071, an inhibitor of 2,3-oxidosqualene:lanosterol cyclase 373
Quantitation in HDL subfractions 2353
Regulation of transcription by 1630
Serum, effects of legume consumption on, in humans 1120
Serum, in infants, determined by apoE phenotype 759
Sources during development of rat fetus and fetal organs 723
Transport in defective CHO cells 1973
Cholesterol balance: In hyper- and hyporesponder cynomolgus monkeys 1598
Cholesterol biosynthesis 2216
HPLC of C27 sterols related to 2615
Inhibition by a squalene epoxidase inhibitor 1639
In vivo, effects of a 2,3-oxidosqualene cyclase inhibitor on 564
In the cultured rat embryo 22
In THP-1 cells, effects of simvastatin on 1299
Prolonged inhibition by atorvastatin 1496
Role of 7α-hydroxylation of 27-hydroxycholesterol in regulation of cholesterol synthesis 1053
Cholesterol cholelithiasis: Susceptibility in inbred mice 1395
Cholesterol crystals
Intracellular, Raman microspectroscopy of 1591
Measurement of crystallization in model biles 1048
Cholesterol efflux
By passive diffusion 1807
Enhancement by phospholipid 734
In carriers of apoA-I$(L141R)_{pisa}$ 1242
In human LCAT transgenic mice 813
Mediated by apolipoproteins 1807
Cholesterol esterification
Enzymes in mice 1928
In children, associated with LDL particle size 139
In LDL-cholesterol-enriched fibroblasts 1807
Cholesterol gallstone disease 1395
Cholesterol homeostasis: In CHO cells, effect of overexpression of HSL 1553
Cholesterol 7α-hydroxylase
Hormonal regulation of activity, mRNA levels, and transcriptional activity 2483
Influence of hepatic apoA-I by 1445
Regulation of gene expression 315
Cholesterol metabolism
In CaCo-2 cells, effect of β-sitosterol 348
In pigs fed a cholesterol-enriched diet, effect of β-cyclodextrin 86
In vivo, in Niemann-Pick C disease 2422
Cholesteryl esters
HDL, transport to the liver 2289
HDL_3-associated, selective uptake by mouse peritoneal macrophages 239
In macrophages, improved method for quantitation of by HPLC 401
Oxidation products of cholesteryl linoleate in human atherosclerotic lesions 1347
Oxidized, deficient hydrolysis of 1347
Serum, kinetics of incorporation of dietary fatty acids into 2012
Cholesteryl ester hydrolase 1896
Cholesteryl ester lipase: Identification of catalytically active residues 892
Cholesteryl ester transfer protein 1129
Deficiency, genotypes of, changes in HDL subclasses 1204
Effect of on LPL and HDL cholesterol in mice 2079
Cholestyramine: And psyllium, effect of on bile acid excretion 491
Choline glycerophospholipids: Benzoolysis of 1680
Choline replacement: By N-aminodeanol, effect on sphingomyelin metabolism 1764
Cholylglycine: Platinum(II) complex of, synthesis and characterization 1022
Chromatography, high performance liquid
Analysis of bile acids in biological fluids by 1906
Analysis of cellular cholesterol by 401
Conventional and silver ion, of C27 sterols related to cholesterol biosynthesis 2615
Of fatty acid 1-pyrenylmethyl esters 1913
Chromatography, thin layer
And image analysis, subnanomolar quantitation of lipids by 1482
Of neutral lipids and phospholipids 1482
Two-dimensional, simultaneous separation of ceramide and diacylglycerol species 1702
Chromosonal localization: Of mouse liver BAT 1139
Chylomicron metabolism: Effect of n-3 fatty acids on 503
Chylomicron remnants
Clearance in adipose tissue and muscle in humans 2335
Hepatic uptake of 2173
Single copy of apoB-48 on 1170
Turnover in humans 949
Chylomicrons: Turnover in humans 949
Clearance: Of human HDL in rabbits and rats 1771
Cloning
Of mouse liver BAT 1139
Of the rat apobec-1 gene 1103
CLOS: *see* Chitolipooligosaccharides
Conjugated 24-hydroxycholesterol: In cholestasis 926
Copper-mediated oxidation: Of LDL 992, 2580
Coronary artery disease
Association with genetic variations in apoB 1361
Determinants of postprandial disease in 1463
COS-1 cells: NeuAc transfer activity in 1795
Cryo-electron microscopy: Of LDL and reconstituted HDL 659
CTP:phosphocholine cytidylyltransferase: Abnormal distribution in SRD CHO cells 711

CTX: *see* Cerebrotendinous xanthomatosis
Cyclic fatty acid monomers: Effect of, on fat absorption and transport 1666
β-Cyclodextrin: Hypocholesterolemic effect in pigs fed a cholesterol-enriched diet 86
Cyclodextrins: Use of, for manipulating cellular cholesterol content 2264
Cycloheximide: Effect on scavenger receptor activity 2207
Cynomolgus monkeys: Hyper- and hyporesponder phenotypes 1598
CYP27: *see* Sterol 27-hydroxylase gene
Cytidine diphosphate diacylglycerol: Fluorescent analog, metabolism and transport 482
Cytochrome P450: And retinoic acid metabolism 1374
Cytokines
Inhibition of squalene synthase by 1620
Mediation of inhibition of apoB secretion in CaCo-2 cells 206
Sequestration of transforming growth factor β into lipoproteins 2344
Cytostatic activity: Of platinated bile acids 1022

D

Δ^9-Desaturase
Gene expression, regulation by hypolipidemic peroxisome-proliferating fatty acids 554
mRNA expression, effect of 3-thia fatty acids 1522
Deoxyglucose: Uptake by cardiac myocytes 745
Dephosphorylation reactions: During benzoolysis of choline glycerophospholipids 1680
Development: Rat fetus and fetal organs, sources of cholesterol 723
Diabetes: Transforming growth factor β in lipoproteins in 2344
Diacylglycerol
And ceramides, simultaneous separation by two-dimensional thin-layer chromatography 1702
Effect of on activation of protein kinase C 2446
In HDL, preferred substrate for hepatic lipase 2224
Synthesis in the fat body of *Manduca sexta* 68
17,17-Dialkyl-18-nor-13(14)-ene steroids: ^{13}C-NMR and mass spectroscopy of 780
Diet modification: And HDL transport in the hamster 2289
Dietary choline replacement: Effect on sphingomyelin metabolism in rat liver 1764
Dietary fat
Effect of apoA-IV mutation on plasma HDL cholesterol in response to 1995
Kinetics of incorporation of fatty acids into serum cholesteryl esters, erythrocyte membranes, and adipose tissue 2012
Modulation of regulation of dietary cholesterol on cholesterol 7α-hydroxylase 315
Saturated, and mononuclear cell LDL receptors 459
Dietary n-3 fatty acids
Effect of on chylomicron metabolism in the rat 503
Effect on hepatic lipoproteins 469
Differentiation: Of neuronal cells in culture, activity of 3-ketosphinganine during 1163
Dimethyl sulfoxide
Effects of on apoA-I in HepG2 cells 2090
Effects on transcription of human apoA-I gene in HepG2 cells 2090
cDNA transfection 1795
Docosahexaenoic acid
Ethyl esters, effect of on phosphatidylcholine species in patients with severe hypertriglyceridemia 429
Regulation of gene expression by, in adipose tissue 1963
Synthesis in endothelial cells 147
Transport by human plasma albumin in two lipid forms 1571

E

Edmundson-wheel diagrams: Of different apoA-I species 634
Eicosapentaeneoic acid
Ethyl esters, effect of on phosphatidylcholine species in patients with severe hypertriglyceridemia 429
Hypotriglyceridemic effect of 1851
Elastase: Dissection of Lp[a] and apo[a] by 2193
Electron microscopy
Of HDL subspecies 1859
Scanning, of cultured rat embryo 22
Electrophoresis
Dynamic sieving capillary, separation and quantitation of apolipoproteins by 410
Gradient gel, of lipoproteins 1261
Segmented gradient gel, simultaneous determination of Lp[a], LDL, and HDL particle sizes by 2603
Embryo, cultured rat: Cholesterol synthesis in 22
Embryonic fibroblasts: Uptake of Lp[a] by, via the LDL receptor and the LDL receptor-related protein 2103
Emulsions
Behavior of tetrahydrolipstatin in 1544
Binding of apoA-I to, effect of cholesterol 287
Endocytosis: Of high density lipophorin 254
Endoplasmic reticulum: Assembly of apoB and VLDL lipids in 531
Endothelial cells
Aortic, monocyte adhesion to, increased by LPL 1722
Bovine coronary artery, Raman microspectroscopy of cholesterol crystals in 1591
Synthesis of docosahexaenoic acid in 147
Liver, hepatic lipase on surface of 1002
Endothelial permeability 1877
Endothelium, human arterial: Expression of sterol 27-hydroxylase in 1254
Endotoxin: Inhibition of squalene synthase by 1620
Enterohepatic circulation: Of bile during essential fatty acid deficiency 1709
Enzymatic activity: Of HGL and HLAL after site-directed mutagenesis 1896
EPA: *see* Eicosapentaenoic acid
Epidermal barrier development: In the rat, regulation of glucosylceramide metabolism during 576
Epidermal growth factor
Mediation of inhibition of apoB secretion in CaCo-2 cells 206
Stimulation of production of esterified 13(S)-hydroxyoctadecadienoic acid by, in embryo fibroblasts 49
Epidermal growth factor receptor 206
Epidermal keratinocytes, cultured: Metabolism of all-*trans*-retinoic acid by 1374
Epitopes: Of mammalian apoA-I 634
Erythrocytes
Abnormal phospholipid molecular species in sickle cell anemia 2516

Transport of docosahexaenoic acid to, through lysophosphatidylcholine 1571
Erythrocyte membranes: Kinetics of incorporation of dietary fatty acids into 2012
Essential fatty acids 805
Deficiency, lipid absorption in 1709
Estrogen: Effect of, on synthesis and secretion of apoB-containing lipoproteins in LMH-2A cells 1308
Ethanolaminephosphotransferase: Activity of 670
Evolution
Of acid lipases 880
Of mammalian apoA-I 634
Exon 2 skipping: Regulation of apobec-1 gene expression 847
Expression
Of cDNA encoding PLTP 1473
Of human apoA-I in mouse models of atherosclerosis 1869
Of human LCAT in transgenic mice 813
Of mouse liver BAT 1139
Extrahepatic stellate cells: Storage of vitamin A in 645

F

Familial combined hyperlipidemia: Variation in the apoC-III gene associated with VLDL and IDL particles 1061
Familial hypercholesterolemia, homozygous: Decreased formation of LDL by atorvastatin after apheresis 2071
Familial hypobetalipoproteinemia: Metabolism of apoB-100 in a kindred with 592
Familial lecithin:cholesterol acyltransferase deficiency 191
Farber fibroblasts: Turnover of endogenous ceramide in 2569
Farnesyl diphosphate synthase: Overexpression in yeast, effect on polyprenol formation 962
Fat absorption: Effect of cyclic fatty acid monomers on 1666
Fat body: *Manduca sexta*, lipolysis in 68
Fat cells: Rat subcutaneous and visceral, lipolysis in 132
Fat transport: Effect of cyclic fatty acid monomers on 1666
Fat, dietary: Modulation of regulation of dietary cholestrerol on cholesterol 7α-hydroxylase 315
Fatty acid 1-pyrenylmethyl esters: Analysis by HPLC 1913
Fatty acid composition
Of brown adipose tissue 228
Of lactating mammary cells 913
Of muscle phospholipids in swine susceptible to malignant hyperthermia 2023
Of rat organs and lipoproteins, effect of 3-thia fatty acids 1522
Phospholipid, age-related changes, in rat hippocampus 680
Fatty acid desaturation: In THP-1 cells 1299
Fatty acid elongation: In THP-1 cells 1299
Fatty acid metabolism: In rat hepatocytes 469
Fatty acid mobilization: From BAT 228
Fatty acid thallium soaps: A new homologous series 361
Fatty acid translocase 745
Fatty acid uptake: By cardiac myocytes 745
Fatty acid-binding protein: Plasma membrane, role of in uptake of fatty acids by human placental choriocarcinoma cells 2558
Fatty acids
Agonist-induced release, analyzed by HPLC 1913
Brown adipose tissue, fasting-induced selective mobiliztion of 228
Contribution of acetyl-L-carnitine to synthesis of 1454
Cylic monomers, effect of, on fat absorption and transport 1666
Long-chain, uptake by human placental choriocarcinoma cells 2558
Medium-chain, regulation of acetyl-CoA carboxylase by 2548
n-3, effect of on chylomicron metabolism in the rat 503
n-3, effects of in swine susceptible to malignant hyperthermia 2023
n-3, incorporation of into human tissue 2012
Of *Candida utilis* phospholipids 790
Saturated, induction of apoptotic cell death in cardiomyocytes 1384
VLDL triglyceride, de novo synthesis of 2529
N-Fatty acylglucosamine derivatives: Synthesis of 1229
FCH: *see* Familial combined hyperlipidemia
Fecal sterols: Effect of psyllium and cholestyramine on, in the hamster 491
Feedback regulation: Decreased, of LDL receptor activity by sterols in leukemic cells 2436
Feeding behavior: In apoA-IV knockout mice 1782
Fetal development: Development, sources of cholesterol during 723
Feto-maternal interface: PUFA at 276
α-Fetoprotein: Concentration at the human feto-maternal interface 276
FH: *see* Familial hypercholesterolemia
FHBL: *see* Familial hypobetalipoproteinemia
Fibrate analogues: Hypocholesterolemic activity of 1189
Fibrates: Hypotriglyceridemic effect of 1851
Fibroblasts
Cholesterol efflux from 1807
Skin, turnover of endogenous ceramide in 2569
Fish oil: Hypotriglyceridemic component of 1851
Fluorescence microscopy: LDL-mediated interaction of Lp[a] with HepG2 cells 2411
Fluorescent analog of CDP-diacylglycerol: In studies of PI turnover in human skin fibroblasts 482
Fluorescent probes: NBD-CLOS conjugates 1229
Flux: Of acetyl-L-carnitine to lipids 1454
Foam cell formation: In cultured macrophages 101
Formula feeding: Serum cholesterol in infants 759
FPP: *see* Farnesyl diphosphate
Fractional esterification rate: Of cholesterol, correlated with LDL particle size 139
Fractional mobilization: Of fatty acids from brown adipose tissue 228
Free cholesterol: Derived from LDL cholesteryl ester, intracellular trafficking of, in Niemann-Pick C disease 2422
Free fatty acid turnover: Measured using ultralow doses of [U-^{13}C] palmitate 1888
Free radicals 823
Fu5AH cells: Enhancement of cholesterol efflux from by phospholipid 734

G

Gallbladder bile: In inbred mice, physical chemistry of 1395
Galβ1→4GlcNAc α2→6sialyltransferase: Action on glycolipids 1795
Ganglioside-enriched domains: On surface of human peripheral lymphocytes 969

Ganglioside GM3: And HDL, influence of, on cohesion of mouse brain tumor cells 160
Ganglioside hydration: Study by ^{2}H-NMR 1412
Gas chromatography and mass spectrometry: Of unsaturated C27 sterols 1685
Gas chromatography chemical ionization mass spectrometry: Quantitative analysis of plasma acylcarnitines by 173
Gastric lipase, human 880
Identification of catalytically active residues 892
Site directed mutagenesis of 1896
GC-CI-MS: *see* Gas chromatography chemical ionization mass spectrometry
Gene: ApoC-III, sequencing 1833
Gene expression
In adipose tissue, site specific regulation by n-3 PUFA 1963
LDL receptor in PMA-treated THP-1 cells 110
Of cholesterol 7α-hydroxylase 315
Of LDL receptor in HepG2 cells 2240
Gene mutations
LCAT 191, 585
Of sterol 27-hydroxylase in CTX 2322
Gene organization: Of lipases 892
Gene regulation: Apobec-1, human 84
Gene structure
Of acid lipases 880
Of rat and mouse apobec-1 1103
Gene transcription: ApoA-I mRNA, effect of retinoids on 2273
Gene transfer: Of apoA-I in mouse models of atherosclerosis 1869
Gene-diet interaction: Relationship between LPL and HDL cholesterol 2079
Genetic immunization: Production of polyclonal antibody against apobec-1 by 2627
Genetic variant: ApoC-III, gln38→lys 1833
Genetic variations: Of apoB, association with hypercholesterolemia, CAD, and receptor binding of LDL 1361
Genetics: Of platelet-activating factor acetylhydrolase 2281
Genotypes: Of CETP deficiency 1204
Glucocorticoids: And regulation of cholesterol 7α-hydroxylase mRNA 2483
Glucosylceramide
Hydrolysis to ceramide during epidermal barrier development 576
Metabolism, during development 576
Glycerolipid synthesis: In THP-1 cells, effects of simvastatin on 129
Glycerophospholipids, choline: Benzoolysis of 1680
Glycosphingolipids: Action of Galβ1→4GlcNAc α2→6sialyltransferase on 1795
***trans*-Golgi network:** Role in cholesterol transport 1503
Gradient gel electrophoresis: Of lipoproteins 1261
Gradient gel, segmented: Simultaneous determination of Lp[a], LDL, and HDL particle sizes 2603
Growth: Effect of pure linoleate deficiency on accumulation of, in the rat 805

H

Halofatty acids: Inhibition of sex pheromone production in moths by 1988
Heat shock protein: Interaction with dioctyldecyldimethylammonium bromide liposomes 2003
Heparan sulfate proteoglycans
Internalization and degradation of β-VLDL mediated by 765
LPL bound by, hydrolysis of VLDL 2465
Heparin: Affinity for, by HDL subspecies 1859
Hepatic lipase
Diacylglycerol as preferred substrate 2224
Expression in LCAT transgenic mice 1822
Localization in liver by immunofluorescence confocal microscopy 1002
On hepatocytes and liver endothelial surfaces 1002
Role of, in removal of remnants 2173
Role of, in uptake of hypertriglyceridemic VLDL and remnants by HepG2 cells 1318
Hepatic remnant receptor: Specificity of apoE-containing triglyceride-rich emulsions for 1070
Hepatic secretion: Of VLDL in obese mice 1277
Hepatic uptake of chylomicron remnants: Review article 2173
Hepatocytes
Cultured, inhibition of transcription of the acetyl-CoA carboxylase gene by fatty acids 2548
Cynomolgus, effect of retinoids on apoA-I levels 2273
Fatty acid metabolism in, effect of n-3 fatty acids 469
Hepatic lipase on surface of 1002
Intracellullar degradation of newly synthesized apoB in 1937
Isolated rat, uptake of norcholansulfonate into 935
McA-RH7777, secretion of HDL and VLDL bearing apoB-33 with a large internal deletion 2473
HepG2 cells
ADRP associated with lipid storage droplets in 2249
Effects of dimethyl sulfoxide on apoA-I in 2090
Gene expression of LDL receptor in, role of PKC and MAPK 2240
Interaction of Lp[a] with, LDL-mediated 2411
Secretion of PAI-1 by 860
Uptake of hypertriglyceridemic VLDL and remnants by 1318
Hereditary 3-hydroxy-3-methylglutaryl coenzyme A lyase deficiency 303
HGL: *see* Gastric lipase, human
High density lipophorin: Endocytosis of 254
High density lipoprotein
Altered properties of subfractions in obese subjects 600
And ganglioside GM3, influence of, on cohesion of mouse brain tumor cells 160
ApoE-rich and -poor, in subjects with CETP deficiency 1204
Apolipoproteins of, association with murine SR-BI 1289
Bearing apoB-33 with a large internal deletion 2473
Clearance in animal models 1771
Clearance in apoA-IV knockout mice 1782
Containing apoE, characterization of 35
Diacylglycerol in, preferred substrate for hepatic lipase 2224
HDL_3 cholesteryl esters, implications of LPL for selective uptake by macrophages 239
In carriers of apoA-I$(L141R)_{pisa}$ 1242
In human LCAT transgenic mice 813
In inbred mice 1445
Interaction with LBP, role of apoA-I 516
Interconversion, mediated by PLTP 12
Kinetics in cholesterol-fed human LCAT transgenic rabbits 2537
Metabolism, effect of secretory non-pancreatic PLA_2 on 2232

Metabolism in apoA-I knock-out mice 1033
Particle formation, inability of SAA to substitute for apoA-I 1583
Particle size determination on a segmental linear polyacrylamide gradient gel 2603
Particle size in apoA-I_{Milano} transgenic mice 2314
Preβ1, formation of 1242
Quantification of HDL_2- and HDL_3-cholesterol by VAP-II methodology 2353
Quantitation of subfractions by VAP-II methodology 2353
Reconstituted discoidal, cryo-electron microscopy imaging of the apolipoprotein moiety 659
Role in disease prevention: report on a meeting 1267
Subclasses, changes in patients with CETP deficiency 1204
Subfractions containing apoE, participation in postprandial transfer of apoE 35
Subpopulations of 1859
High density lipoprotein cholesterol
Diet modification of concentration 2289
Effect of apoA-IV mutation on response of to dietary fat 1995
Fractional esterification rate, correlated with LDL particle size 139
In apoA-$I(R160L)_{oslo}$ heterozygotes 121
In apoA-IV knockout mice 1782
Low levels, determinants of postprandial lipemia in men with 1463
Relationship with lipoprotein lipase in mice, modulation by CETP and dietary status 2079
High density lipoprotein receptor: Alternative forms of 1490
High fat/high carbohydrate diet: Effect of, on LPL and HDL cholesterol in mice expressing human CETP 2079
High performance thin layer chromatography plates: Quantitative determination of thiolipids on 2374
Hippocampus: Age-related changes in phospholipid fatty acid composition 680
HLAL: *see* Lysosomal acid lipase, human
Homozygous familial hypercholesterolemia: Decreased formation of LDL by atorvastatin after apheresis 2071
Hormonal regulation: Of cholesterol 7α-hydroxylase activity and mRNA 2483
Hormone-sensitive lipase
Overexpression in CHO cells, effect on cholesterol homeostasis 1553
Role of, in norepinephrine-induced lipolysis in rat fat cells 132
HPLC: *see* Chromatography, high performance liquid
13-HPODE: *see* 13-Hydroperoxyoctadecadienoic acid
HSL: *see* Hormone-sensitive lipase
Hydrolysis: Of oxidized cholesteryl esters by macrophages 1347
7-Hydroperoxycholesterol
HPLC analysis of 1730
In oxidized LDL and human atherosclerotic plaque 1730
13-Hydroperoxyoctadecadienoic acid: Modification of apoB-100 by, in oxidized LDL 1334
24-Hydroxycholesterol: Double conjugation, with sulfuric and glucuronic acids in cholestasis 926
(24S)-24-Hydroxycholesterol 3-sulfate,24-glucuronide: High levels in serum and urine in children with cholestatic liver disease 926
25-Hydroxycholesterol
Induction of apoptosis by 2049
X-ray crystal structure of 1014
27-Hydroxycholesterol: 7α-Hydroxylation of, role in regulation of cholesterol synthesis 1053
7α-Hydroxylation: Of 27-hydroxycholesterol, role in regulation of cholesterol synthesis 1053
3-Hydroxy-3-methylglutaric aciduria: Determined by two-base deletion of the HMG-CoA lyase gene 2303
3-Hydroxy-3-methylglutaryl-CoA reductase inhibitors: Attenuation of LDL cholesterol in mice devoid of LDL receptors 2502
3-Hydroxy-3-methylglutaryl coenzyme A reductase: Prolonged inhibition by atorvastatin 1496
4-Hydroxynonenal
Metabolic fate in hepatocytes 612
Metabolism in rat kidney 1660
Hypercholesterolemia
Association with genetic variations in apoB 1361
In the monkey 1598
Hyperinsulinemia: Increased VLDL triglyceride fatty acid synthesis in 2529
Hyperlipidemia: LPC composition of LDL in 546
Hyperlipoproteinemia: Type I, in the mink 837
Hyperresponder cynomolgus monkeys: Hypercholesterolemia in 1598
Hyperthermia, malignant: In swine, effects of n-3 fatty acids 2023
Hypertriglyceridemia
ApoC-III /to apoE ratio in different lipoprotein fractions 1421
In a kindred with an apoC-III variant 1833
Measurement of bile acid synthesis in 183
Phosphatidylcholine species in 429
Plasma lipoprotein distribution of apoC-III in 1421
Hypoalphalipoproteinemia 121
Hypochlorite-mediated modification: Of LDL 992
Hypocholesterolemic action: Of β-cyclodextrin in pigs fed a cholesterol-enriched diet 86
Hypocholesterolemic activity: Of novel ureido fibrate analogues 1189
Hypocholesterolemic effect: Of psyllium and cholestyramine in the hamster 491

I

IDL: *see* Intermediate density lipoprotein
IL-1: *see* Interleukin-1
Image analysis: And TLC, subnanomolar quantitation of lipids by 1482
Immunoadjuvant action: Physical chemistry of 2003
Immunofluorescence analysis: Of GM3 distribution on cell plasma membranes 969
Immunofluorescence confocal microscopy: Localization of hepatic lipase in the liver by 1002
Immunoreactivity: Of apoB in modified LDL, effects of lipid transfer activity and triglyceride hydrolysis on 1129
Inbred mice
Cholesterol cholelithiasis in 1395
HDL cholesterol in 1445
Infants: ApoE phenotype and serum cholesterol 759
Insect lipoprotein: Developmental regulation of receptor-mediated endocytosis of 254
Insulin
Effect of, on production of ASP in adipocytes 1

Exogenous, effect of on de novo VLDL triglyceride fatty acid synthesis 2529
Interfacial binding: Of LCAT and apoA-I, influence of vesicle surface composition 1094
Intermediate density lipoprotein: Increased particles of, in FCHL, associated with variation in the apoC-III gene 1061
Intestinal metabolism 1666
Intracellular cholesterol transport: Review article 1503
Intracellular crystals: Raman microspectroscopy of 1591
Intracellular degradation: Of newly synthesized apoB 1937
Intracellular trafficking: Of free cholesterol in Niemann-Pick C disease 2422
Intracellular transport: In lactating mammary cells, effect of lipid-depleted diet on 913
Isotopomer spectral analysis: To estimate flux of acetyl-L-carnitine to lipids 1454

K

Keratinocytes: Retinoid metabolism by 1374
7-Ketocholesterol: X-ray crystal structure of 1014
Ketone bodies: Contribution of acetyl-L-carnitine to synthesis of 1454
3-Ketosphinganine: Biosynthesis of 1163
3-Ketosphinganine synthase activity: In cultured neuronal cells during differentiation and aging 1163
Kidney: Removal of Lp[a] by 1755
Kinetic parameters: Of oxidation of LDL by copper 2580
Knock-out mice
ApoA-I, HDL metabolism in 1033
ApoA-IV 1782

L

Lactating mammary cells: Membrane composition and intracellular transport 913
LBP: *see* Lipopolysaccharide binding protein
LCAT: *see* Lecithin:cholesterol acyltransferase
LDL: *see* Low density lipoprotein
Lecithin:cholesterol acyltransferase
Activation energy, effect of long-chain PUFA 266
Activity, impact of apoA-I_{Milano} on 2314
Activity in inbred mice 1445
Catalytically inactive, caused by a Gly 30 to Ser mutation 585
Deficiency 585
Deficiency syndromes, molecular pathology of 191
Human, expression in transgenic mice 813
Human, overexpression in transgenic cholesterol-fed rabbits 2537
Human recombinant, biochemical and biophysical characterization of 1085
Interfacial binding of 1094
Transgenic mice, expression of hepatic lipase in 1822
Legume consumption: Effects on serum cholesterol, biliary lipids, and sterol metabolism in humans 1120
Legume roots: Structural requirements for bioactivity of chitolipooligosaccharides in 1229
Leukemic cells: Decreased feedback regulation of LDL receptor activity by sterols 2436
Leukocyte low density lipoprotein receptor: Contribution to LDL clearance in vivo 392
Leukotriene A_4: Transcellular metabolism by rabbit blood cells 627
Leukotriene C_4 synthase: Lack of relevant activity in rabbit platelets 627
Leydig cells: ADRP associated with lipid storage droplets in 2249
Lingual lipase, rat 880
Linoleic acid
And apoptosis of cultured vascular endothelial cells 2155
Deficiency in the rat, effect on growth, n-6 PUFA, and linoleate oxidation 805
Enhancement of secretion of PAI-1 by HepG2 cells 860
Lipase consensus sequence 892
Lipase evolution 880
Lipase, hepatic: Expression in LCAT transgenic mice 1822
Lipemia, alimentary: Alterations of VLDL composition during 301
Lipid absorption
In apoA-IV knockout mice 1782
In essential fatty acid deficiency 1709
Lipid bilayers: Binding of apoA-I to, effect of cholesterol 287
Lipid composition
Heart and skeletal muscle membrane, effects of n-3 fatty acids in swine 2023
Of rat liver, lipoproteins, and heart, effect of 3-thia fatty acids 1522
Lipid-depleted diet: And intracellular transport 913
Lipid droplets
ADRP associated with 2249
In extrahepatic stellate cells 645
Role of, in norepinephrine-induced lipolysis in rat fat cells 132
Lipid emulsions: Interaction with lipoprotein lipase 1649
Lipid hydroperoxide: In LDL^-, a subclass of LDL 419
Lipid malabsorption 1709
Lipid metabolism
In heterozygotes for apoA-$I(R160L)_{oslo}$ 121
In THP-1 cells, effect of simvastatin on 1299
In vivo, effects of a 2,3-oxidosqualene cyclase inhibitor on 564
Lipid peroxidation 823, 1660
During LDL oxidation 992
Metabolic fate of 4-hydroxynonenal in hepatocytes 612
Lipid response to diet: Effect of apoA-IV polymorphism 1995
Lipid secretory pathways: From *trans*-Golgi network 1503
Lipid transfer activity: Effects of on apoB immunoreactivity in modified LDL 1129
Lipid uptake: Mediation by an HDL receptor, SR-BI 1289
Lipids
In a kindred with an apoC-III genetic variant 1833
Role of in assembly of VLDL in rabbit hepatocytes 531
Serum, concentration changes in CETP deficiency 1204
Lipogranulomatosis, Farber: Turnover of endogenous ceramide in fibroblasts 2569
Lipolysis
Effects of on apoB immunoreactivity in modified LDL 1129
In the fat body 68
Norepinephrine-induced in rat fat cells, site-specific differences in 132
Of VLDL by heparan sulfate proteoglycan-bound LPL 2465
Regional, adrenoceptor function 795
Lipophorin, high density: Endocytosis of 254

Lipopolysaccharide
Binding protein, interaction with HDL, role of apoA-I 516
Effect of, on squalene synthase activity 1620
Lipopolysaccharide-stimulated neutrophils: Increased saturated triacylglycerol in plasma membranes of 1562
Lipoprotein biogenesis 1149
Lipoprotein cholesterol: In hyper- and hyporesponder phenotypes of cynomolgus monkeys 1598
Lipoprotein lipase
Association with apoB-containing lipoproteins 77
Deficiency, in the mink, biochemical characterization and pathology 837
Effect of on adhesion of monocyte to endothelium 1722
Expression, sepsis-induced regulation, in rat adipose tissue and soleus muscle 701
Heparan sulfate proteoglycan-bound, lipolysis of VLDL by 2465
Interaction with homogeneous lipid emulsions 1649
Polymorphisms, effect of on lipoprotein levels 904
Relationship with HDL cholesterol in mice, modulation by CETP and dietary status 2079
Role of, in uptake of hypertriglyceridemic VLDL and remnants by HepG2 cells 1318
Selective uptake of HDL_3-associated cholesteryl esters by macrophages 239
Stimulation of guinea pig apoC-II variants 2111
Lipoprotein metabolism
By hepatic lipase 1002
Effect of secretory non-pancreatic PLA_2 on 2232
Lipoprotein particles: Associated with the apoC-III gene in FCHL 1061
Lipoprotein remnant particles: Clearance in adipose tissue and muscle in humans 2335
Lipoprotein synthesis: In the chicken hepatoma cell line, LMH-2A 1308
Lipoprotein [a]
Cellular uptake via the LDL receptor and LDL receptor-related protein 2103
LDL-mediated interaction with HepG2 cells 2411
Levels in peroxisomal disorders 1612
Particle size determination on a segmental linear polyacrylamide gradient gel 2603
Removal by the human kidney 1755
Structure and biology, Review article 2193
Lipoprotein, insect: Endocytosis of 254
Lipoproteins
ApoC-III to apoE ratio in 1421
Containing apoE, characterization of 35
Cryo-electron microscopy of 659
Effect of $apoA\text{-}IR160L)_{Oslo}$ on 121
Effects of saturated fatty acids on 1746
Electrophoretic separation of 1261
Hepatic, effect of dietary fatty acids 469
In a kindred with an apoC-III genetic variant 1833
In the Stanislas cohort 904
Profiles in patients with peroxisomal disorders 1612
Sequestration of transforming growth factor β into 2344
Liposomes
Cationic, interaction with an antigenic protein 2003
Dioctyldecyldimethylammonium bromide, interaction with the 18 kDa heat-shock protein from *Mycobacterium leprae* 2003
***Lith* gene:** Phenotypes of, in inbred mice 1395
LMH-2A cells: VLDL synthesis and secretion in 130
Long-chain fatty acids: Uptake by human placental choriocarcinoma cells 2558
Low density lipoprotein
Acetylated, uptake by macrophages 2207
Antioxidant protection of 2455
Association with LPL, effects of lipoproteins and anti-apoB antibodies 77
Cholesterol, attenuation by HMG-CoA inhibitors in mice devoid of LDL receptors 2502
Cholesterol, fibroblasts enriched in, cholesterol efflux from 1807
Cholesteryl ester, in vivo metabolism in Niemann-Pick C disease 2422
Clearance, lack of contribution by leukocyte LDL receptor 392
Composition 690
Cryo-electron microscopy, imaging of the apolipoprotein moiety 659
Decreased production by atorvastatin after apheresis in homozygous FH 2071
Effect of LPC composition of, on vascular relaxation 546
IgE-dependent transport into skin 1877
Kinetics in cholesterol-fed human LCAT transgenic rabbits 2537
Kinetics of oxidation by copper 2580
LDL^-, a lipoprotein enriched in lipid hydroperoxide 419
Lipid hydroperoxide-modified apolipoprotein formed, during oxidiation of 1334
Lp[a] interaction with HepG2 cells mediated by 2411
Malondialdehyde-modified, recognition by scavenger receptor of human monocyte-macrophages 324
Modified, apoB immunoreactivity in, effects of lipid transfer activity and triglyceride hydrolysis on 1129
Oxidative modification, evaluated by protein carbonyl formation 992
Oxidative modification, in normal and hyperlipidemic patients 546
Oxidized, and secretion of apoE by macrophages 981
Oxidized, cholesterol-enriched in macrophages, mediation of foam cell formation by 101
Oxidized, 7-hydroperoxycholesterol in 1730
Particle size, correlated with fractional esterification rate of cholesterol in children 139
Particle size determination on a segmental linear polyacrylamide gradient gel 2603
Subclasses, charge properties of 690
Subclasses, enriched in lipid hydroperoxide 419
Low density lipoprotein receptor
Binding, association with genetic variations in apoB 1361
Cellular uptake of Lp[a] via 2103
Decreased feedback regulation by sterols in leukemic cells 2436
Deficiency in mice, lowering of LDL cholesterol by HMG-CoA reductase inhibitors 2502
Gene expression, role of PKC and MAPK 2240
Gene, regulation of expression in THP-1 cells 110
Increased levels on mononuclear cells by reducing saturated fat intake 459
Leukocyte, and clearance of LDL in vivo 392
mRNA stability, modulation by phorbol esters in human liver cell culture models 437
Pathways for uptake of β-VLDL by smooth muscle cells 1841
Specificity of apoE-containing triglyceride-rich emulsions for 1070
Transcriptional activation by oncostatin M 2035

Low density lipoprotein receptor-related protein 1841
Cellular uptake of Lp[a] via 2103
LPC: *see* Lysophosphatidylcholine
LPL: *see* Lipoprotein lipase
LRP: *see* Low density lipoprotein receptor-related protein
Lymphocytes, human peripheral: Ganglioside-enriched plasma membrane domains in 969
Lysophosphatidylcholine
Composition in LDL, effect on vascular relaxation 546
Transport to erythrocytes on albumin 1571
Lysosomal acid lipase, human 880
Identification of catalytically active residues 892
Site directed mutagenesis of 1896

M

Macrophages
Adherence 2207
ApoE associated with plasma membrane 217
Cholesterol deposition in 101
Fresh mouse peritoneal, scavenger receptor activity in 2207
Mouse peritoneal, selective uptake of HDL_3 cholesteryl esters by, possible role of LPL 239
Oxidation products of cholesteryl esters resistant to hydrolysis in 1347
Regulation of the scavenger receptor gene in 1433
Malondialdehyde low density lipoprotein: Recognition by scavenger receptor of human monocyte-macrophages 324
Mammary cells, lactating: Membrane composition and intracellular transport 913
***Manduca sexta*:** Adipokinetic hormone-induced lipolysis in fat body of 68
MAPK: *see* Mitogen-activated protein kinase
Mass spectrometry
Of unsaturated C27 sterols 1685
Secondary ion, analysis of cellular cholesterol 401
Mass spectroscopy: Of 17,17-dialkyl-18-nor-13(14)-ene steroids 780
McArdle RH7777 cells: Phosphatidylcholine biosynthesis required for secretion of truncated apoBs 447
MCFA: *see* Medium chain fatty acids
MCT: s*ee* Medium-chain triglycerides
Medium chain fatty acids: Effect on serum lipoproteins 1746
Membrane composition: In lactating mammary cells, effect of lipid-depleted diet on 913
Membrane lipid composition: Effects of a diet high in n-3 fatty acids 2023
Membrane phospholipids: *Candida utilis* and termperature 790
Membranes
Behavior of tetrahydrolipstatin in 1544
Quantitative determination of thiolipids in 2374
Methyl palmoxirate: An inhibitor of β-oxidation, use of to study brain lipid metabolism 295
Mevalonate kinase: Regulation of 2216
Microscopy, fluorescence: LDL-mediated interaction of Lp[a] with HepG2 cells 2411
Microsomal triglyceride transfer protein: In CaCo-2 cells, characterization and regulation 61
Mink: LPL deficiency in 837
Mitochondrion: Principal target for control of triglyceride metabolism 1851
Mitogen-activated protein kinase: Role of, in LDL receptor expression 2240
Mitogenic cells: Esterified 13(S)-hydroxyoctadecadienoic acid in 49
Model biles: Rapid measurement of cholesterol crystallization in 1048
Molecular cloning: Of cDNA encoding pig plasma PLTP 1473
Molecular pathology: Of LCAT deficiency syndromes 191
Molecular species
Of erythrocyte phospholipids in sickle cell anemia 2516
Of HDL 1859
Monoaminergic neurotransmission: Age-related changes, in rat hippocampus 680
Monoclonal antibodies: Binding to chylomicron remnants 1170
Monocyte adhesion: To aortic endothelial cells, increased by LPL 1722
Monocytic cells: THP-1, effects of simvastatin on lipid metabolism in 1299
Mononuclear cells: LDL receptors on, effect of dietary saturated fat reduction 459
Monosaccharide composition: Of neutral sphingolipids of Paramecium 2399
Monosialoganglioside GM3 969
Morphometric quantitation: Of lipid droplets in intestinal stellate cells 645
Moths: Production of sex pheromones by 1988
Mouse models of atherosclerosis 1869
MTP: *see* Microsomal triglyceride transfer protein
Muscle: Clearance of lipoprotein remnant particles in 2335
Mutant Chinese hamster ovary cells: Cholesterol transport in 1973
Mutations: Of the sterol 27-hydroxylase gene 870
Myristic acid: Effect of, on serum lipoproteins 1746

N

NDB: *see* 7-Nitrobenzo-2-oxo-1,3-diazole
Neuronal cells, cultured: Activity of 3-ketosphinganine synthase during differentiation and aging of 1163
Neutral lipids: Quantitation of, in the subnanomolar range 1482
Neutral sphingolipids: Of Paramecium 2399
Neutral sterols
Fecal, analysis of 491
In pigs fed a cholesterol-enriched diet 86
Neutrophils, lipopolysaccharide-stimulated: Increased saturated triacylglycerol in plasma membranes of 1562
Newborns: Urinary bile acids in 1954
Niemann-Pick C disease: Defective intracellular trafficking of free cholesterol derived from LDL cholesteryl ester 2422
Nifedipine: Inhibition of apoptosis induced by 25-hydroxycholesterol in aortic smooth muscle cells 2049
7-Nitrobenzo-2-oxo-1,3-diazole: Conjugates of 1229
Nonsterol isoprenoid biosynthesis 2216
Norcholansulfonate: Uptake into isolated rat hepatocytes 935
Nuclear magnetic resonance
^{13}C, determination of aqueous dissociation constants of bile pigments by 1178
^{13}C, of 17,17-dialkyl-18-nor-13(14)-ene steroids 780
^{2}H, Study of ganglioside hydration by 1412

Nucleotide sequence
Of CYP27 gene 2322
Of pig PLTP cDNA 1473

O

Obese mice: Secretion rates of VLDL in 1277
Obesity
Adrenergic regulation of lipolysis in 795
Alterations of HDL subfractions in 600
Human, uncoupling protein gene expression in adipose tissue 2125
Oleic acid
Effect of, on serum lipoproteins 1746
In liver and VLDL, effect of 3-thia fatty acids on 554
Oncostatin M: Regulation of LDL receptor transcription by 2035
Orlistat: *see* Tetrahydrolipstatin
α-Oxidation:decarboxylation: Of 2-hydroxyphytanoyl-CoA to form pristanic acid 2062
β-Oxidation: Of sterol side chain in bile acid biosynthesis 2589
β-Oxidation inhibitor: Effect of on incorporation of palmitate into rat brain 295
Oxidation: Of LDL, depletion of vitamin E during 992
Oxidative modification: Of LDL in normal and hyperlipidemic patients 546
Oxidative stress: TNF-mediated, effect of linoleic acid 2155
Oxidized cholesterol: X-ray crystal structure 1014
Oxidized cholesteryl esters: Deficient hydrolysis in macrophage lysosomes 1347
Oxidized low density lipoprotein
7-Hydroperoxycholesterol in 1730
And macrophage apoE secretion 981
Oxidosqualene cyclase 373
2,3-Oxidosqualene cyclase inhibitor
Effects of, on cholesterol biosynthesis and lipid metabolism in vivo 564
Lowering of plasma cholesterol, comparison to simvastatin 373
Oxysterols: In oxidized LDL and human atherosclerotic plaques 1730

P

PAF-AH: *see* Platelet-activating factor acetylhydrolase
PAF: *see* Platelet activating factor
PAI-1: *see* Plasminogen inhibitor type 1
Palmitate: Uptake and metabolism by cardiac myocytes 745
Pancreatitis: Associated with LPL deficiency in the mink 837
***Paramecium tetraurelia*:** Free, glycosylated, and phosphorylated ceramides of 2399
Particle diameter: Of LDL subfractions 690
Particle size
Determines receptor specificity of remnants 1070
HDL, in apoA-I_{Milano} transgenic mice 2314
Of Lp[a], LDL, and HDL, simultaneous determination 2603
Passive cutaneous anaphylaxis 1877
Pathology, molecular: Of LCAT deficiency syndromes 191
Pause transfer sequences: Asymmetric distribution of, in apoB-100 1149
Perilipin: Co-localization with ADRP on lipid storage droplets in 3T3-LI adipocytes 2249
Peroxisomal disorders: Lipoprotein [a] levels in 1612
Peroxisome proliferation 554
Peroxisomes: Formation of pristanic acid from 2-hydroxyphytanoyl CoA 206
Peroxyl radical-trapping antioxidant potential: Spectrophotometric assay in human serum 823
Phase contrast light microscopy: Of anhydrous cholesterol crystals 1591
Phenotypes: Of *Lith* genes in inbred mice 1395
Pheromone biosynthesis: Inhibition of in moths 1988
Phorbol 12-myristate 13-acetate: Regulation of LDL receptor gene expression in THP-1 cells treated with 110
Phorbol esters: Modulation of LDL receptor mRNA stability by 437
Phosphatidylcholine: PUFA in *sn*-2 position, effect of rHDL apoA-I stability and LCAT activation energy 266
Phosphatidylcholine biosynthesis
In cholesterol auxotrophic CHO cells 711
Required for secretion of truncated apoBs 447
Phosphatidylcholine species: Alterations in patients with hypertriglyceridemia by EPA and DHA ethyl esters 429
Phosphatidylinositol: In human skin fibroblasts 482
Phospholipase A_2: Secretory non-pancreatic, influence on lipoprotein metabolism 2232
Phospholipid fatty acid composition: Age-related changes, in rat hippocampus 680
Phospholipid transfer protein
HDL interconversion mediated by 12
Molecular cloning and functional expression of cDNA 1473
Phospholipids
Abnormal molecular species in sickle cell anemia 2516
Enhancement of cholesterol efflux by 734
Membrane, of *Candida utilis* and temperature adaptation 790
Quantitation of, in the subnanomolar range 1482
Unilamellar vesicles, interaction with class A amphipathic helical peptides 2134
Vesicles, effect of size on interaction with amphipathic helical peptides 2147
Physical chemistry: Of immunoadjuvant action 2003
Phytanic acid: α-Oxidation:decarboxylation to pristanic acid 2062
PI: *see* Phosphatidylinositol
PLA_2: *see* Phospholipase A_2
Placental choriocarcinoma cells (BeWo): Uptake of long-chain fatty acids by, role of plasma membrane FABP 2558
Plaque, atherosclerotic: 7-Hydroperoxycholesterol in 1730
Plasma acylcarnitines: Quantitative analysis of using GC-CI-MS 173
Plasma cholesterol: Lowering by Ro 48-8071, an inhibitor of 2,3-Oxidosqualene:lanosterol cyclase 375
Plasma clearance
Of LDL in vivo, insignificant effect of the leukocyte LDL receptor 392
Of retinyl palmitate 949
Plasma esterified fatty acid: Contribution to brain lipids 526
Plasma lipids
In human group II secretory non-pancreatic PLA_2 transgenic mice 2232
In pigs fed a cholesterol-enriched diet 86
Plasma lipoproteins: Relationship of PAF-AH to 2281
Plasma membrane
Cholesterol transport from, in mutant CHO cells 1973
Lymphocytes, ganglioside-enriched domains 969

Of lipopolysaccharide-stimulated neutrophils, increased levels of saturated triacylglycerols in 1562
Plasmenylethanolamine: Biosynthesis in guinea pig heart 67
Plasminogen activator inhibitor type 1: Secretion by HepG2 cells 860
Platelet-activating factor acetylhydrolase: Heritability and relationship to plasma lipoproteins 2281
Platelets
And LTC_4 transcellular biosynthesis 627
Transport of docosahexaenoic acid to, through nonesterified fatty acids 1571
Platinated bile acids: As cytostatic drugs 1022
PLTP: *see* Phospholipid transfer protein
PMA: *see* Phorbol 12-myristate 13-acetate
Polyclonal antibody: Against apobec-1, produced by genetic immunization 2627
Polymorphisms: LPL and apoE, effect of, on lipoprotein levels 904
Polyprenol alcohols: HPLC analysis of 962
Polyprenol formation: In the yeast *Saccharomyces cerevisiae* 962
Polyunsaturated fatty acids
Concentration at the human feto-maternal interface 276
In phosphatidylcholine, effect of on stability of recombinant HDL apoA-I and LCAT 266
Metabolism in retinal and cerebral endothelial cells 147
Metabolism in THP-1 cells, effects of simvastatin on 1299
n-3 deficiency, age-related changes in rat hippocampus phospholipid fatty acid composition in 680
n-3, regulation of gene expression by, in adipose tissue 1963
n-6, effect of pure linoleate deficiency on accumulation of, in the rat 805
Post-translational regulation: Of mevalonate kinase 2216
Postprandial lipemia: Determinants of, in men with CAD and low levels of HDL cholesterol 1463
Pregnancy: Urinary bile acids in 1954
Pristanic acid: Formation from phytanic acid 2062
Probucol: Reduction of atherogenesis by 2455
Protein carbonyl formation: And LDL oxidative modification 992
Protein kinase C
Activation by bile acids 2446
Role of, in LDL receptor expression 2240
Protein kinase Cα: Effect of diacyglycerol on activation of 2446
Protein kinase, mitogen-activated: Role of, in LDL receptor expression 2240
Protein secretory pathways: From *trans*-Golgi network 1503
Protein-DNA interaction: At the antioxidant response element region of the apoA-I gene 2090
Proteins, lipid hydroperoxide-modified: Specific polyclonal antibody against 1334
Proteoglycans, cell surface: Role of, in uptake of hypertriglyceridemic VLDL and remnants by HepG2 cells 1318
Proteoglycans, heparan sulfate: Internalization and degradation of β-VLDL mediated by 765
Psyllium: And cholestyramine, effect of on bile acid excretion 491
Psyllium-supplemented diet: Effect of on HDL transport in the hamster 2289

R

Raman microspectroscopy: Of intracellular cholesterol crystals in cultured endothelial cells 1591
RAP: *see* Receptor-associated protein
Receptor
Hepatic uptake of chylomicron remnants 2173
LDL and hepatic remnant, specificity determined by particle size 1070
LDL, decreased feedback regulation by sterols in leukemic cells 2436
Scavenger, activity in fresh mouse peritoneal macrophages 2207
Receptor-mediated endocytosis: Of an insect lipoprotein, down-regulation of 254
Recombinant high density lipoprotein: ApoA-I, effect of PUFA in phosphatidylcholine on stability of 266
Recombinant adenovirus: Use of in apoA-I expression in mice 1869
Recombinant lecithin:cholesterol acyltransferase: Biochemical and biophysical characterization of 1085
Refsum disease: Lp[a] levels in 1612
Regional lipolysis: And adrenoceptor function 795
Regulation
Hormonal, of cholesterol 7α-hydroxylase activity and mRNA 2483
Of acetyl-CoA carboxylase by fatty acids 2548
Of cell free cholesterol content 1503
Of cholesterol synthesis 1053
Of glucosylceramide metabolism during development 576
Of LDL and HDL metabolism in cholesterol-fed rabbits 2537
Of LDL receptor gene expression in THP-1 cells 110
Of LDL receptor transcription by oncostatin M 2035
Of lipoprotein lipase, sepsis-induced 701
Of MTP in CaCo-2 cells 61
Post-translational, of mevalonate kinase 2216
Site-specific, of gene expression by n-3 PUFA in white adipose tissue 1963
Transcriptional, of human scavenger receptor gene 1433
Remnants
Chylomicron, hepatic uptake of (Review) 2173
Lipoprotein, clearance in adipose tissue and muscle in humans 2335
Of hypertriglceridemic VLDL, uptake by HepG2 cells 1318
Receptor specificity for 1070
Retinal endothelial cells: PUFA metabolism in 147
Retinoid metabolism: In keratinocytes 1374
Retinoids: Induction of apoA-I synthesis by 2273
Retinyl palmitate: Plasma clearance 949
Reverse cholesterol transport 2289
In human LCAT transgenic mice 813
Review article
Biochemistry and pharmacology of arachidonylethanolamide, a putative endogenous cannabinoid 2383
Hepatic uptake of chylomicron remnants 2173
Intestinal absorption of essential fatty acids 1709
Intracellular cholesterol transport 1503
Intracellular degradation of newly synthesized apoB 1937
Molecular pathology of LCAT deficiency syndromes 191
Structure and function of lipoprotein [a] 2193
***trans*-Retinoic acid:** Metabolism by cultured human epidermal keratinocytes 1374
Rhizomelic chondrodysplasia punctata: Lp[a] levels in 1612
mRNA
Cholesterol 7α-hydroxylase, hormonal regulation of 2483
HMG-CoA lyase 2303
HMG-CoA reductase, in LDL receptor-deficient mice, effect of vastatins 2502

LDL receptor, modulation of stability of, by phorbol esters in cultured liver cells 437
Of sterol 27-hydroxylase in CTX 2322
Squalene synthase, effect of cytokines on levels of 1620
RNA editing 847
Production of rabbit polyclonal antibody against apobec-1 by genetic immunization 2627
Ro 48-8071: A new inhibitor of 2,3-oxidosqualene:lanosterol cyclase 373

S

SAA: *see* Serum amyloid A
Sarcolemmal proteins: Involvement in uptake and metabolism of palmitate by cardiac myocytes 745
Saturated fat intake: Reduction associated with increased levels of LDL receptors on mononuclear cells 459
Saturated fatty acids
Effect of, on serum lipoproteins 1746
Induction of apoptotic cell death in cardiomyocytes 1384
SREBP: *see* Sterol regulatory element binding protein
Scavenger receptor activity: In fresh mouse peritoneal macrophages 2207
Scavenger receptor BI
Alternative forms of 1490
HDL receptor that mediates selective lipid uptake 1289
Scavenger receptor gene: Transcriptional regulation of 1433
Scavenger receptor uptake: Mediation by amino terminus of apoB-100 324
Scintillation proximity assay: Of apoA-I 2365
Secretion
Of macrophage apoE, enhancement by oxidized LDL 981
Of VLDL in obese mice 1277
Segmented gradient gel: Simultaneous determination of Lp[a], LDL, and HDL particle sizes 2603
Sepsis: LPL regulation in 701
Serum amyloid A: Overexpression in apoA-I deficient mice 1583
Serum cholesterol
Effects of legume consumption on, in humans 1120
In infants, determined by apoE phenotype 759
Serum triglycerides: Effect of apoE and LPL polymorphisms on 904
Sex pheromone biosynthesis: In moths, inhibition by 2-halofatty acids 1988
Sialyltransferase 1795
Sickle cell anemia: Abnormal phospholipid molecular species of erythrocytes 2516
Side-chain structure: Effect of, on β-oxidation in bile acid biosynthesis 2589
Simvastatin
Comparison to Ro 48-8071 in lowering plasma cholesterol 373
Effects of, on lipid metabolism in momocytic THP-1 cells 1299
Inhibition of cholesterol biosynthesis by 1639
Site directed mutagenesis: Cys227 and cys236, and enzymatic activity of HGL and HLAL 1896
β-Sitosterol: Micellar, effect of on cholesterol metabolism in CaCo-2 cells 348
Skin fibroblasts: Turnover of endogenous ceramide in 2569
Skin, rat: IgE-dependent transport of LDL into 1877
Smooth muscle cells: Uptake of β-VLDL by 1841
Soleus muscle: Sepsis-induced regulation of LPL in 701
SP-B: *see* Surfactant protein
Sphingolipids, neutral: Of Paramecium 2399
D-*erythro*-sphingosylphosphocholine: Preparation of 1923
Sphingomyelin metabolism: During dietary choline replacement 1764
Sphingomyelin synthase 1764
Sphingomyelin-deacylase 1923
Sphingomyelinase 1764
Squalene epoxidase inhibitor: Inhibition of cholesterol biosynthesis by 1639
Squalene synthase: Inhibition by endotoxin and cytokines 1620
SR-BI: *see* Scavenger receptor class B type I
Stable isotope studies: Technical problems associated with leucine contamination 1535
Stanislas cohort: Lipoprotein levels in 904
Stellate cells, extrahepatic: Storage of vitamin A in 645
Sterol 27-hydroxylase
Expression in human arterial endothelium 1254
Gene mutations in CTX 2322
Sterol 27-hydroxylase gene
Mutations in CTX 2322
Mutations, cause of CTX 870
Sterol metabolism: Effects of legume consumption on, in humans 1120
Sterol regulation: Of acetyl coenzyme A carboxylase promoter 1630
Sterol regulatory defective CHO cells: Phosphatidylcholine synthesis in 711
Sterol regulatory element binding protein 711, 1630
Sterol synthesis: HPLC of C27 sterols 2615
Sterols
Decreased feedback regulation of LDL receptor activity in leukemic cells 2436
C27, related to cholesterol biosynthesis, conventional and silver ion HPLC of 2615
C27 unsaturated gas chromatography and mass spectrometry of 1685
Structure: Of lipoprotein [a] 2193
Subcutaneous fat cells: Rat, lipolysis in, role of HSL and fat droplets 132

T

Temperature: Effect of on fatty acid composition of *Candida utilis* lipids 790
Tetradecylthioacetic acid: Effect of, on mRNA levels of Δ^9-desaturase 554
Tetrahydrolipstatin
An inhibitor of pancreatic lipase 1544
Behavior in biological membranes and emulsions 1544
TGLP: *see* Triglyceride-rich lipoproteins
Thallium soaps: Of normal alkanoic acids, spectroscopic analyses of 361
3-Thia fatty acids
And Δ^9-desaturase 554
Effect of on lipid composition of rat liver, lipoproteins, and heart 1522
3α,7α,12α-Trihydroxy-24-nor-5β-cholan-23-sulfonate: Uptake into isolated rat hepatocytes 935
Thiolipids: Quantitative determination of 2374
Thromboxane A_2: Concentration at the human feto-maternal interface 276
Thyroid hormone: And regulation of cholesterol 7α-hydroxylase mRNA 2483
Tissue culture cells: Use of cyclodextrins to manipulate content of cellular cholesterol in 2264

Tissue expression: Of ACAT gene 1928
TNF: *see* Tumor necrosis factor
RRR-α-Tocopherol: Use of in determination of kinetics of LDL oxidizability by copper 2580
Transcriptional regulation: Of human scavenger receptor gene 1433
Transendothelial transport: Of LDL in rat skin 1877
Transforming growth factor β: Sequestration into an inactive pool of lipoproteins 2344
Transgenic mice
Apolipoprotein A-I_{Milano} 2314
Expressing the human CETP transgene 2079
Expression of human LCAT in 813
Human group II secretory non-pancreatic PLA_2 2232
LCAT, adenovirus-mediated expression of hepatic lipase in 1822
Transgenic rabbits
Human hepatic lipase expression 1002
Human LCAT, cholesterol-fed, LDL and HDL kinetics in 2537
Translocational pausing 1149
Triacylglycerol
Containing cyclic fatty acid monomers, absorption and transport 1666
Modulation of secretion of PAI-1 by HepG2 cells 860
Saturated, increased levels in plasma membranes of lipopolysaccharide-stimulated neutrophils 1562
Secretion in CaCo-2 cells 206
Synthesis in adipose tissue 1
Triglyceride fatty acids: VLDL, de novo synthesis of 2529
Triglyceride metabolism: Nutritional and pharmacological control of 1851
Triglyceride transfer protein: Microsomal, in CaCo-2 cells, characterization and regulation 61
Triglycerides, plasma: In hypertriglyceridemia, effect of EPA and DHA ethyl esters 429
Triglycerides, serum: Effect of apoE and LPL polymorphisms on 904
Trolox: Use of in determination of kinetics of LDL oxidizability by copper 2580
Truncated apolipoprotein B: Secretion, and biosynthesis of phosphatidylcholine 447
Tumor cell cohesion: Influence of GM3 and HDL on 160
Tumor necrosis factor
Analysis of TNF-induced release of endogenous fatty acids 1913
Induction of apoptosis by, effect of linoleic acid 2155
Tumor suppressor phenotype: Associated with esterified 13(S)-hydroxyoctadecadienoic acid in mitogenic cells 49
Turnover
Of chylomicron/chylomicron remnants in humans 949
Of endogenous ceramide in normal and Farber fibroblasts 2569
Of FFA, using ultralow doses of [^{14}C]palmitate 1888

U

Uncoupling protein gene: Expression in adipose tissue 2125
Unsaturated C27 sterols: Gas chromatography and mass spectrometry of 1685
Ureido fibrate analogues: Hypocholesterolemic activity of 1189
Urinary bile acids: In pregnant women and newborns 1954

V

VAP-II: *see* Vertical Auto Profile-II methodology
Vascular relaxation: Effect of LPC composition of LDL on 546
Vascular smooth muscle cells: Uptake of β-VLDL by 1841
Vastatins: Reduction of LDL in LDL receptor-deficient mice 2502
Verapamil: Inhibition of apoptosis induced by 25-hydroxycholesterol in aortic smooth muscle cells 2049
Vertical Auto Profile-II methodology: Quantification of HDL_{2} and HDL_{3}-cholesterol by 2353
Very low density lipoprotein
Assembly in rabbit hepatocytes 531
Bearing apoB-33 with a large internal deletion 2473
Composition, alterations during alimentary lipemia 301
Hypertriglyceridemic, uptake by HepG2 cells 1318
Increased particles of, in FCHL, associated with variation in the apoC-III gene 1061
Increased triglyceride fatty acid production in rats, effect of insulin and carbohydrate supplementation 2529
Lipolysis, by heparan sulfate proteoglycan-bound LPL 2465
Secretion from rat hepatocytes, effect of dietary n-3 fatty acids 469
Secretion in chicken hepatoma LMH-2A cells 1308
Secretion rates in obese mice 1277
β-Very low density lipoprotein
Internalization by macrophages, mediated by heparan sulfate proteoglycans 765
Uptake by smooth muscle cells 1841
Very low density lipoprotein receptor 1841
Vesicle size: Effect of on interaction with amphipathic helical peptides 2147
Vesicle surface composition: Influence of on interfacial binding of LCAT and apoA-I 1094
Vesicles, lecithin-cholesterol: Bile salt taurine conjugates in 1217
Visceral fat cells: Rat, lipolysis in, role of HSL and fat droplets 132
Vitamin A: Storage in extrahepatic stellate cells 645
Vitamin E
Antioxidant protection of plasma LDL by 2455
Depletion during oxidation of LDL 992
VLDL: *see* Very low density lipoprotein

X

X-linked adrenoleukodystrophy: Lp[a] levels in 1612
X-ray crystal structure: Of cytotoxic oxidized cholesterols 1014

Y

Yeast: Polyprenol formation in 962

Z

Zellweger syndrome: Lp[a] levels in 1612